



Über dieses Buch

Dies ist ein digitales Exemplar eines Buches, das seit Generationen in den Regalen der Bibliotheken aufbewahrt wurde, bevor es von Google im Rahmen eines Projekts, mit dem die Bücher dieser Welt online verfügbar gemacht werden sollen, sorgfältig gescannt wurde.

Das Buch hat das Urheberrecht überdauert und kann nun öffentlich zugänglich gemacht werden. Ein öffentlich zugängliches Buch ist ein Buch, das niemals Urheberrechten unterlag oder bei dem die Schutzfrist des Urheberrechts abgelaufen ist. Ob ein Buch öffentlich zugänglich ist, kann von Land zu Land unterschiedlich sein. Öffentlich zugängliche Bücher sind unser Tor zur Vergangenheit und stellen ein geschichtliches, kulturelles und wissenschaftliches Vermögen dar, das häufig nur schwierig zu entdecken ist.

Gebrauchsspuren, Anmerkungen und andere Randbemerkungen, die im Originalband enthalten sind, finden sich auch in dieser Datei – eine Erinnerung an die lange Reise, die das Buch vom Verleger zu einer Bibliothek und weiter zu Ihnen hinter sich gebracht hat.

Nutzungsrichtlinien

Google ist stolz, mit Bibliotheken in partnerschaftlicher Zusammenarbeit öffentlich zugängliches Material zu digitalisieren und einer breiten Masse zugänglich zu machen. Öffentlich zugängliche Bücher gehören der Öffentlichkeit, und wir sind nur ihre Hüter. Nichtsdestotrotz ist diese Arbeit kostspielig. Um diese Ressource weiterhin zur Verfügung stellen zu können, haben wir Schritte unternommen, um den Missbrauch durch kommerzielle Parteien zu verhindern. Dazu gehören technische Einschränkungen für automatisierte Abfragen.

Wir bitten Sie um Einhaltung folgender Richtlinien:

- + *Nutzung der Dateien zu nichtkommerziellen Zwecken* Wir haben Google Buchsuche für Endanwender konzipiert und möchten, dass Sie diese Dateien nur für persönliche, nichtkommerzielle Zwecke verwenden.
- + *Keine automatisierten Abfragen* Senden Sie keine automatisierten Abfragen irgendwelcher Art an das Google-System. Wenn Sie Recherchen über maschinelle Übersetzung, optische Zeichenerkennung oder andere Bereiche durchführen, in denen der Zugang zu Text in großen Mengen nützlich ist, wenden Sie sich bitte an uns. Wir fördern die Nutzung des öffentlich zugänglichen Materials für diese Zwecke und können Ihnen unter Umständen helfen.
- + *Beibehaltung von Google-Markenelementen* Das "Wasserzeichen" von Google, das Sie in jeder Datei finden, ist wichtig zur Information über dieses Projekt und hilft den Anwendern weiteres Material über Google Buchsuche zu finden. Bitte entfernen Sie das Wasserzeichen nicht.
- + *Bewegen Sie sich innerhalb der Legalität* Unabhängig von Ihrem Verwendungszweck müssen Sie sich Ihrer Verantwortung bewusst sein, sicherzustellen, dass Ihre Nutzung legal ist. Gehen Sie nicht davon aus, dass ein Buch, das nach unserem Dafürhalten für Nutzer in den USA öffentlich zugänglich ist, auch für Nutzer in anderen Ländern öffentlich zugänglich ist. Ob ein Buch noch dem Urheberrecht unterliegt, ist von Land zu Land verschieden. Wir können keine Beratung leisten, ob eine bestimmte Nutzung eines bestimmten Buches gesetzlich zulässig ist. Gehen Sie nicht davon aus, dass das Erscheinen eines Buchs in Google Buchsuche bedeutet, dass es in jeder Form und überall auf der Welt verwendet werden kann. Eine Urheberrechtsverletzung kann schwerwiegende Folgen haben.

Über Google Buchsuche

Das Ziel von Google besteht darin, die weltweiten Informationen zu organisieren und allgemein nutzbar und zugänglich zu machen. Google Buchsuche hilft Lesern dabei, die Bücher dieser Welt zu entdecken, und unterstützt Autoren und Verleger dabei, neue Zielgruppen zu erreichen. Den gesamten Buchtext können Sie im Internet unter <http://books.google.com> durchsuchen.

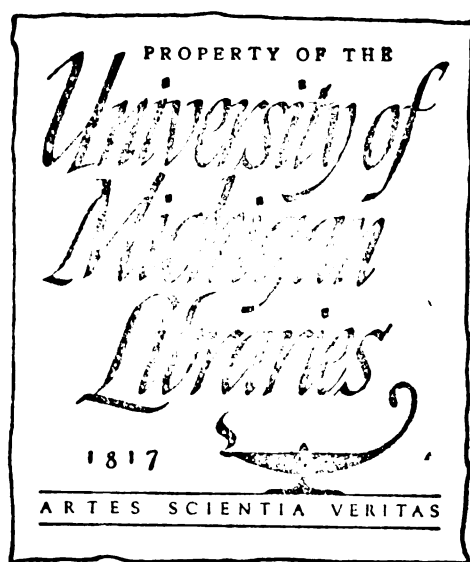
This is a reproduction of a library book that was digitized by Google as part of an ongoing effort to preserve the information in books and make it universally accessible.

GoogleTM books

<https://books.google.com>



B 542349



PROCESS BUY  **BRITISH COPPER**

THE BRITISH AND COLONIAL PRINTER

AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 271

LONDON: January 4, 1934

EVERY THURSDAY
PRICE THREEPENCE

EMPLOY OUR COMPLETE SERVICE



AND ENSURE A SMOOTH PASSAGE

From STUDIO to PRESS
in HALF-TONE, LINE and COLOUR

ROTARY GRAVURE • OFFSET-LITHO • TYPE-SETTING • ELECTROTYPING
STEREOTYPING • PHOTOGRAPHY • DESIGNING • WOOD-ENGRAVING

Columbia House
89-92 SHOE LANE
LONDON • E.C.4

JOHN SWAIN
AND SON • LIMITED

Works at BARNET —
Branches at — PARIS
: MANCHESTER :
BRISTOL & GLASGOW



TELEPHONE
CENTRAL 9333 (5 Lines)

2/3rds OF BRITAIN'S PRINTING METAL IS FRY'S METAL

CUT OUT THAT HANDWORK !

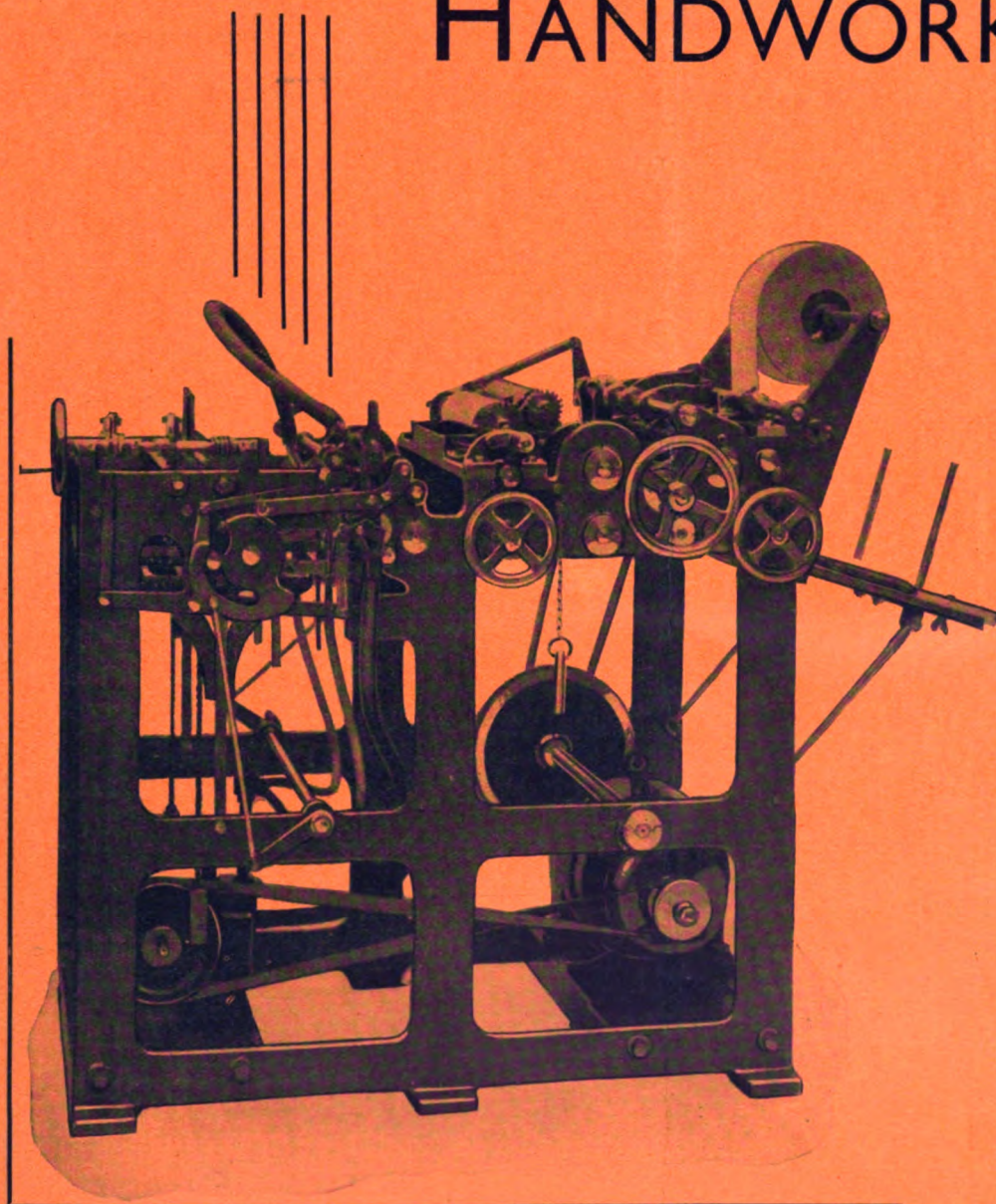
The "LEADER" WINDOW PATCHING MACHINE

will deal with large or small orders, fixing transparent patches many times quicker and more accurately than you have ever done by hand labour.

Owing to the extreme simplicity of adjustment, no order is too small to put on the machine.

It will handle all classes of transparent papers including Cellophane, Gelatine, and similar substances.

Let us have samples of the shapes and sizes you are patching by hand and we will give you full details of what our machine will do.



DAVID CARLAW & SONS, LTD

31, Finnieston Street, Glasgow, C.3

London Representatives :- DAWSON, PAYNE & LOCKETT, LIMITED, DEAN STREET, FETTER LANE, E.C.4

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 271

LONDON : January 4, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

PENROSE'S ANNUAL measures our progress for us. A full set of the volumes is the epitomised history of the printing and allied trades over thirty-six years.

* * *

The Perfecting of Half-tone

IN the early days there must have been intense enthusiasm, almost excitement, over the development of half-tone printing, especially three- and four-colour. Fruitful fields for the letterpress printer were opening up, rich in promise for photographic and picture reproduction. Engraver, printer, ink-maker and paper manufacturer—each section of the industry was contributing its share to the working out of the problems which were very real at that time though scarcely imaginable now. Year after year, half-tones and colour process reproductions improved, moving steadily in the direction of perfection. Where are we now? Apparently the place that was taken at the commencement of the century by photo-engraving is now occupied by photogravure. Offset seems to be somewhere in between. Glancing through the pages of the current issue of Penrose's Annual, we find it difficult to avoid the impression that letterpress half-tone and colour work must now have reached its zenith. Year after year, for at least a

decade, the same steady level of excellence has been maintained; and although a few experiments have been conducted, the only difference we can detect in practice is that direct colour photography has played a fresh part, while the technique of half-tone engraving for uncoated surfaces has been immeasurably improved. But the monochrome and the colour blocks have come to look the same year after year.

* * *

Supremacy of the Letterpress Process

PERHAPS it is that we cannot go much further with the development of half-tone and tri-colour engraving, or with the duplicating of the products. Perhaps there is no need, considering how uniformly well they are produced. Nor need we suffer ourselves to be pessimistic about the future of letterpress. There is a bigger field than ever, a bigger demand, and room for a greatly increased consumption. Publicity and printed advertising are only in their infancy as yet, and letterpress has the strongest hold on this field. The simplicity of letterpress, its certainty, its facility and elasticity, its versatility, its economy, and its quickness of production and ease of alteration—all these features belong to letterpress as to no other process. Its near future is assured beyond a doubt. Other

ON OTHER PAGES

	PAGE
Personalia	2
What of the New Year?— The Printing Trade is Hopeful	4
Trade Notes	6
A Modern Stationery Factory	6
Mr. F. A. Davies Honoured— L.S.C. Assistant Secretary	7
A Press Accident	7
Prize-Winners in Window-Dressing— National Stationery Display	8
Printing Machinery for China	9
Photo-Lithography : Technique and Personnel— By J. H. C. Hubner	10
Lithographic Trade Review— Notes and News	18
Printers' Pension Concert	19
Knighton and Cutts Dance	19
Death of Mr. A. Anning— Pioneer of Modern Illustration	20
Calenders, etc., Received	21
Printers' League Football	21
Commercial Review	22

processes are struggling to widen their establishment; letterpress is established so firmly that years must elapse before the slightest doubt as to its everlastingness can be entertained. Meanwhile it is developing as fast as offset or gravure.

* * *

The Laggard Printer

THE greatest enemies to letterpress half-tone printing are the letterpress printer and the customer. We look at Penrose's Annual and we see the beautiful presswork there. We know that every example is a demonstration one, carefully, slowly and expensively produced by picked craftsmen and selected machinery on paper bought for its prime quality and inherent helpfulness. But what do we

see if we look around at the every-day mass of printed illustration and text work? The commonplace, imperfect and inferior treatment of more or less poor or good white paper. Blocks may be uniformly good; engravers' proofs may show that there is value and even beauty in the plate; but printed results are almost uniformly bad. There are exceptions; but most printers are bad printers, and they do their work poorly on poor paper. The customer encourages bad work, but expects it to be good. It would seem, therefore, that if Penrose's Annual stands still with the quality of its letterpress half-tone plates for the next decade, it will render the printing industry good service by giving it a chance to catch up.

PERSONALIA

Mr. W. J. B. Odhams is giving up the position of chairman of Odhams Press, which he has held in the three successive companies for nearly thirty-five years. Physical disability through lameness has caused Mr. Odhams to take this step. Mr. J. S. Elias, for some twenty years the managing director—a position he will still retain—has been elected chairman. Mr. Odhams is to be the company's life consultant.

Mr. P. J. Pybus, C.B.E., M.P., a director of "The Times," is included in the New Year Honours list, becoming a baronet. Amongst others honoured are: Mr. Robert J. Webber, J.P., of the "Western Mail and Echo," Cardiff, who is made a knight; Mr. Godfrey Elton, editor of the "News Letter" of the National Labour Party, who becomes a baron; and Dr. T. E. Page, editor-in-chief of the Loeb Classical Library, who is made a Companion of Honour; a medal of the Civil Division of the O.B.E. is given to Mr. Charles D. Davis, the leading compositor at the Royal Arsenal Ordnance Printing Works.

Mr. Maurice Coates, managing director of the printing ink makers of that name, is about to visit Cairo, Athens, Istanbul, Jerusalem, Tel-Aviv, Cyprus and Malta. He will discuss plans for the future with his agents in these districts. He will be back in time for Easter.

Mr. H. J. Whittick, editor of the "Wolverhampton Express and Star," succeeds Sir Emsley Carr as president of the Institute of Journalists.

Mr. J. H. Anderson, head of the process department of Messrs. R. Robinson and Co., Ltd., wholesale stationers and printers, Newcastle, has been presented with a gift from his colleagues to mark his completion of fifty years with the firm.

Mr. J. H. Singleton, who, after fifty-three years' service in the printing trade, has retired from a managerial position with Messrs. Alf. Cooke, Ltd., Leeds, has long been a popular member of the Yorkshire Centre of the Printers' Managers and Overseers Association.

Mr. A. T. Peake, since his removal to St. Albans, has, according to the "St. Albans Free Press," become an "author-resident" in that town. According to the journal mentioned, "Mr. Peake's strong point is humour, although in the current issue of the 'Guildford Outlook' there is a clever ghost story from his pen." Probably Mr. Peake is best known in London as a valuable member of the Printing, Bookbinding and Kindred Trades Overseers Association, and also as an occasional contributor to our pages.



THE FEDERATION OF MASTER PROCESS ENGRAVERS HAS DEVELOPED THE PROCESS BLOCK AND PLACED AT YOUR SERVICE THE POWERFUL SELLING FORCE OF MODERN ILLUSTRATION—USE MORE BLOCKS

PRINTING



Printing is an investment designed to accomplish a definite purpose, whether that be to stimulate sales or to increase prestige. Its value lies not in what it costs, but in what it accomplishes



EMPIRE INKS cost little and accomplish much. Your preference therefore should be given to EMPIRE INKS.

**The
Empire Printing
Ink Co. Ltd.**

■
6, TUDOR STREET
LONDON, E.C.4

WHAT OF THE NEW YEAR?

The Printing Trade is Hopeful

CROSSING THE RUBICON

By **B. GUY HARRISON**

President, British Federation of Master Printers



MR. B. GUY HARRISON

Many of us are familiar with a recent advertisement depicting Cæsar crossing the Rubicon in order to obtain one of our famous periodicals, although it is probable that a considerable number of its readers have only a hazy notion of where the Rubicon was situated, or even of what it consisted. Actually, it was a small river dividing the Province of Rome from Cis-Alpine Gaul, and on the historic occasion when Cæsar was reputed to have crossed this stream his action was tantamount to a declaration of war. The expression has since become symbolical of an irrevocable decision, or of a milestone marking another epoch in our lives, and thus when commencing a new year we can almost be said to be crossing the Rubicon. For on each New Year's Day we make new resolutions and indulge in fresh hopes, forgetting to a certain extent the troubles of the past in the pleasurable anticipation of improving conditions.

And this year there seems to be some reason for our optimism. Trade returns are improving and unemployment is decreasing, and although if there be a dividing line between trade depression and prosperity it must be a very broad one, far broader indeed than the little Rubicon river, yet we hope that with the commencement of this year we are crossing or have almost crossed this boundary. All the signs and portents point to a better outlook for 1934 than we have enjoyed for some years, and to a return of that confidence and enterprise which is so essential for the expansion of commerce.

(Concluded in next column)

ON THE UPGRADE

By **LT.-COL. B. L. HOOPER**

President, London Master Printers Association

A difficult year has passed with less difficulty than was expected, and the promise for 1934 is really bright, provided the engine of the printing trade can run smoothly and without friction.

Industry is undoubtedly on the upgrade, and the printing industry itself is well prepared to play its part, being better equipped—mechanically and mentally—to supply the needs of its customers more easily in the field of Sales Promotion, in all its aspects of Marketing and Advertising.



LT.-COL. B. L. HOOPER

The position so far as London is concerned is, however, still obscure, and will require that fellowship and goodwill so well preached by Mr. Crowlesmith, to operate, not only as between master printers themselves, but also between employers and employees if London is to retain its position as the largest printing centre. Removals and amalgamations are having their effect throughout the country, and not without repercussion on the London question. Thus my 1934 message is "Work to keep London work for London!"

(From previous column)

Printing is the stimulus of industry, and, to quote from an inspiring speech recently made by H.R.H. The Prince of Wales, it is impossible to overestimate the importance of the printed word. His Royal Highness has recently honoured our craft by accepting the position of Master of the Stationers' Company, and the printing trade is anxious and ready to play its part in the revival of industry which we hope and believe may not be far distant.

The **VICTORY** AUTOMATIC SELF-CLAMP
GUILLOTINE
 THE WORLD'S MOST EFFICIENT CUTTING MACHINE



VICTORY-KIDDER PRINTING MACHINE CO. LTD. QUEENS HOUSE, KINGSWAY, LONDON. Telephone: HOLBORN 8991

Trade **RISCATYPE** Mark

Riscatype Service is Second to None !

ALWAYS FIRST WITH THE LATEST FACES.

HUGE STOCKS OF TYPE AND SORTS AVAILABLE FOR PROMPT DELIVERY.

RECENT ADDITIONS TO THE FAMOUS

GILL SANSERIF FAMILY

CAST IN THE NOTED HARD-WEARING

RISCATYPE

Gill Sanserif Bold Condensed 42 pt. to 72 pt.

Gill Sanserif Extra Heavy, 10 & 12 pt.

From **1/6** to **2/6** per lb.

A new 150 page Loose-leaf Catalogue for 1934 will be issued shortly. Be sure to get one.

YENDALL & Co. Ltd.

TYPEFOUNDERS,

Telephone--Risca 7439.

RISCA. Mon. (Eng.)

London Office & Stockrooms—11 PLOUGH COURT, FETTER LANE, E.C.4.. Tel.—Central 8640

All Riscatype Sold under Guarantee. "It's the Metal that Counts"

TRADE NOTES

GRAVURE STAMP PRINTING.—References in the Press to the printing of the new postage stamps by photo-gravure have contained a statement that machines are being supplied by Messrs. Harrison and Sons, to the Post Office. This is erroneous, as Messrs. Harrison are, of course, themselves printing the stamps. We understand that they are busily engaged, at their Hayes works, in preparations for this work, though some time must necessarily elapse before any issue of the new stamps can be made to the public.

CO-OPERATIVE PRINTING.—Only four of the twelve federated co-operative printing societies returned a surplus for the year 1932, according to figures issued by the Co-operative Productive Federation. Seven other societies showed a loss on the year's working, and one made no return of that particular item. The combined surplus came to £2,054, with an aggregate deficit of £3,276.

MESSRS. FIELD, SONS, AND CO., LTD., colour printers and box manufacturers, of Scott Works, Hollingwood Lane, Lidget Green, Bradford, are to extend their works by the erection of a three-storey building. Still further extensions are to be made later on, a site having been already acquired.

FIRE last week destroyed a section of the printing works of the Union Electric Press, Red Cross Street, Liverpool.

The offices of the Paper Makers Association of Great Britain and Ireland (Inc.) have been removed from Farringdon Street, and the address and other particulars now are: Shell Mex House, Strand, London, W.C.2 (second floor); telephone number, Temple Bar 6278; telegraphic address, "Qualified Rand London."

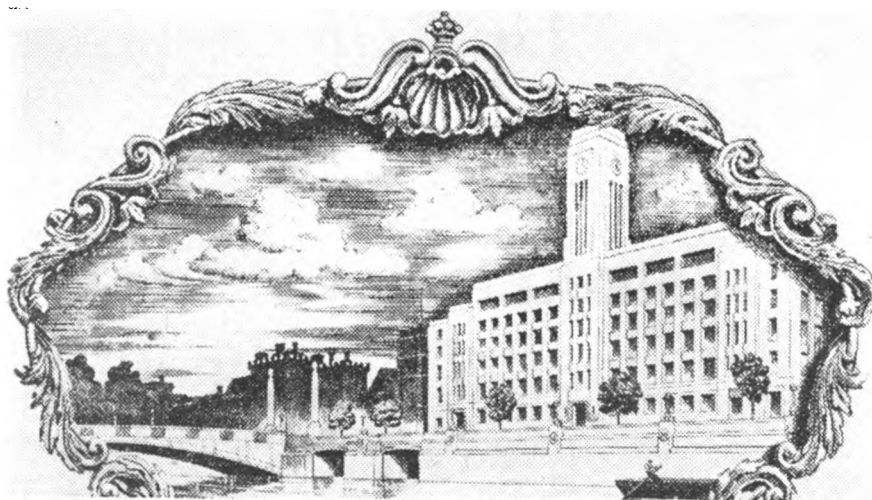
NATSOPA Memorial Printers' Homes at Wellsborough, near Hincley (Leics.), provided a Christmas entertainment for children from the adjacent countryside. Mr. George A. Isaacs, secretary of the National Society of Operative Printers and Assistants, with Mrs. Isaacs, were among others who helped.

A **NEW** term of instruction in Costing, Offset, Photo-Litho, Colour Photo-Litho and Newspaper Rotary commences this week at the London School of Printing.

MR. HARRY G. BEDFORD, for many years manager and director of the Cardiff Stationery and Printing Co., Ltd., West Bute Street, Cardiff, has died.

TRADE disputes in the paper, printing, etc., group of trades in the period January to November, 1933, numbered four, the number of workpeople involved in the disputes in progress being 3,300, representing an aggregate duration in working days of all disputes in progress of 27,000. In the corresponding period of 1932 there were apparently no disputes.

A MODERN STATIONERY FACTORY



MESSRS. W. H. SMITH AND SON'S PROJECTED NEW PREMISES

Messrs. W. H. Smith and Son are projecting new premises on a site the South side of the River Thames, near Lambeth Bridge. This building will house their stationery factory and at the same time act as a distributing centre for this section of the business. It

will, however, not be completed before March, 1935.

By the courtesy of the "Daily Telegraph," we are able to reproduce herewith an artist's conception of the new building, as reproduced on a New Year greeting card sent out by Messrs. W. H. Smith and Son.

Mr. F. A. Davies Honoured

L.S.C. Assistant Secretary

A pleasant little ceremony marked the close of the year at the offices of the London Society of Compositors on Saturday last, when Mr. F. A. Davies was presented by the staff with a handsome chiming time-piece on his "coming of age" as assistant secretary. The presentation was made by Mr. E. E. Hawes, the father of the staff chapel, and speeches of appreciation were made by the general secretary, Mr. T. E. Naylor, and the financial secretary, Mr. C. E. Coveney. In addition to the regular staff, the company included the Rt. Hon. C. W. Bowerman, Mr. J. E. Baker, secretary of the P.M.A., Mr. H. A. Bennett, secretary of the L.S.C. Separate Section, and the Society's chairman, Mr. R. W. Couchman.

It has been decided by the Executive Committee of the Printing and Kindred Trades Federation that the 1934 annual conference of the Administrative Council is to be held in Swansea.

ONE of the brightest (in text, illustrations and make-up) of printers' house journals is the "A. P. Record," produced monthly by the printing staff of the Amalgamated Press, under the editorship of Mr. G. H. Potheary. The numerous contributions, many of them humorous, have an interest that goes far beyond the circle of those directly associated with the A.P.

A Press Accident

Minder Loses an Arm

A danger spot in printing press operation is indicated by a recent accident reported by the Home Office.

A serious accident, resulting in the loss of an arm, occurred to the minder of a large printing machine whilst he and the machine feeder were trying to remove a sheet which had fouled on the cylinder. The machine had been stopped and most of the sheet removed by a long stick with a hook at one end. The minder then went round to the far side of the machine (where access for clearing the paper is only possible between the spokes of an 18 in. diameter gear wheel), to see if there was any paper left on the cylinder, whilst the other man operated the machine by means of the "inching control." The latter "inched" the machine forward through a travel of about 3 in. and, thinking the minder was merely looking through the gear wheel, repeated the motion. Actually the minder (during the momentary pause between the first and second "inching") had put his arm between the spokes of the gear wheel to remove a small piece of paper, and it was trapped between one of the spokes and an inner gear wheel. The two men were hidden from each other by the structure of the press.

The danger point described above was guarded when the machine was running by a metal plate hinged at the top and firmly latched at the bottom; but the provision of a control switch interlocking with the guard is necessary to prevent accidents of this kind.

S
&
P

Printing Inks

FOR ALL PROCESSES

OFFSET & PHOTOGRAVURE INKS
IN ALL SHADES ARE A SPECIALITY WITH S. & P. LTD.

IF YOU HAVE NOT

a Photogravure Machine you should try the following Letterpress Inks

• ACME
BLACK

No. 128 2/- per lb.

• GUARDS
SCARLET

No. 708 4/- per lb.

• JELLY
VELVET BLACK

No. J137 3/- per lb.

SLATER & PALMER

4, WINE
OFFICE
COURT

LIMITED

FLEET ST.
Phone: 0211 Central
Grams: Palmink, Fleet
LONDON E.C.4

S
&
P

PRIZE-WINNERS IN WINDOW-DRESSING COMPETITION



The results of the National Stationery Display Window Dressing Competition, for 1933, have just been announced. An increasing number of stationers are participating, realising the business value of attractive window displays. The difficult task of judging was performed by: Mrs. Beatrice Warde, of the Monotype Corporation Ltd.; Mr. F. P. Bishop, of "The Times," and Mr. J. P. MacLaurin.

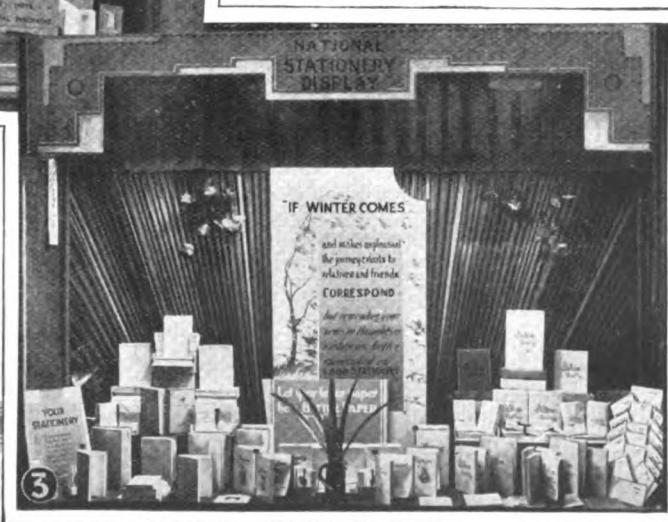
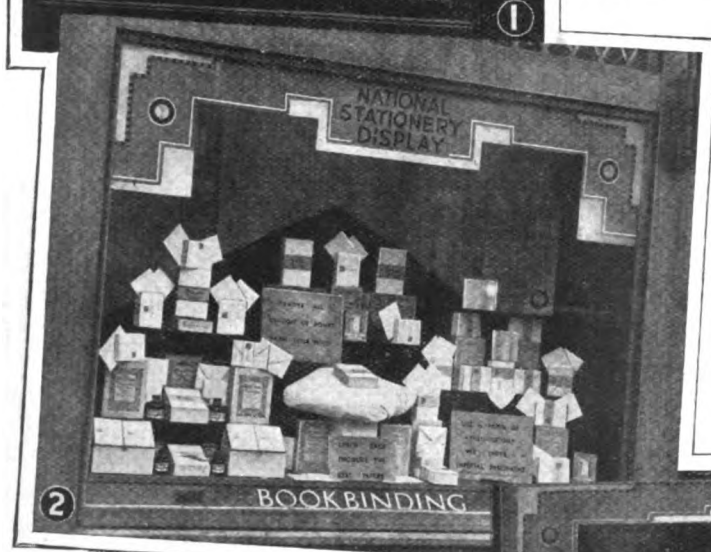
The judges were unanimous in their choice of the first three displays, the prize-winners being:—

(1) *First Prize*.—Messrs. Fish and Cook, Ltd., 17, Stroud Green Road, Finsbury Park, N.4. Window dressed by Messrs. Stanley Bedford and Graham Speirs. Silver Challenge Cup, value fifty guineas.

(2) *Second Prize*.—Messrs. J. and G. Innes, Ltd., 107, South Street, St. Andrews. Window dressed by Mr. George Aitchison. Ten guineas.

(3) *Third Prize*.—Mr. A. L. Brimble, 52, Station Road, Chingford, E.4. Window dressed by Mr. and Mrs. Brimble. Five guineas.

Seven hundred and twenty-six stationers' shops in the United Kingdom participated in the competition, and of that number sixty submitted photographs of their displays. In its few years of life the competition has thus justified its title of "National."



Printing Machinery for China

Improved British Exports

British printing machinery manufacturers are doubtless aware of the vast potentialities of the Far Eastern markets, which will increase as Western ideas spread. As regards the Chinese market in particular, some interesting facts are recorded in a Department of Overseas Trade publication just issued entitled "Trade and Economic Conditions in China" (1931-33) by the Commercial Counsellor at Shanghai and the Commercial Secretary at Hong Kong.

Considerable reference is made therein to industrial development which is being planned for the coming years, and with these advances, as happened in the Western hemisphere, printing and paper will play an ever-increasing part. It is for the United Kingdom, as a leading producer of machinery, to co-operate with China.

Referring specifically to printing, bookbinding and paper-cutting machinery, the report states that there is a steady decline in imports, possibly owing to the fact that Chinese manufacturers have begun to make a few of the simpler forms. The United Kingdom's share has steadily increased, the increase in Germany's share has been rapid, while the shares of Japan and the United States have declined. No figures are yet available for 1933.

The following table illustrates these facts.

Printing, Bookbinding and Paper-Cutting Machinery

		1930	1931	1932
Total Imports in Standard Dollars				
(000's omitted)	...	1,674	1,098	1,095
Percentage share from:				
United Kingdom	...	9%	24%	26%
Germany	...	4%	18%	32%
Japan	...	14%	17%	7%
U.S.A.	...	69%	38%	26%

Among industries in which small beginnings have been made, sponsored either by foreigners or Chinese, is printing, and though the total of plants is in the Western sense small, gradual progress is being made.

The January number of "Commercial Art" (Studio, Ltd.) contains the usual plenitude of interesting illustrations. The contents give prominence to the subject of packaging.

PUBLISHED THE FIRST WEEK IN EACH MONTH

London Typographical Journal

CIRCULATION, 9,000

ANNUAL SUBSCRIPTION 2/6 POST FREE

7-9 ST. BRIDE STREET, LUDGATE CIRCUS, E.C.4

PRINTING INKS AND VARNISHES

The brilliance of Coates Bros.' printing inks and varnishes is something that goes beyond the ordinary meaning of the word. It is a brilliance that gives strength and meaning to every job. A brilliance that is coveted and admired by those who appreciate the best in printing. It is a brilliance that lasts and a brilliance that pays. The secret is in the quality of the ingredients and the skill of the makers. Coates Bros.' reputation for quality inks and varnishes is unrivalled.

COATES BROS & CO. LTD.
MAKERS OF FINE PRINTING INKS AND VARNISHES.
ST. BRIDES HOUSE
SALISBURY SQ. LONDON E.C.4

LITHOGRAPHY

PHOTO-LITHOGRAPHY

Technique and Personnel: Past Progress and the Need for More

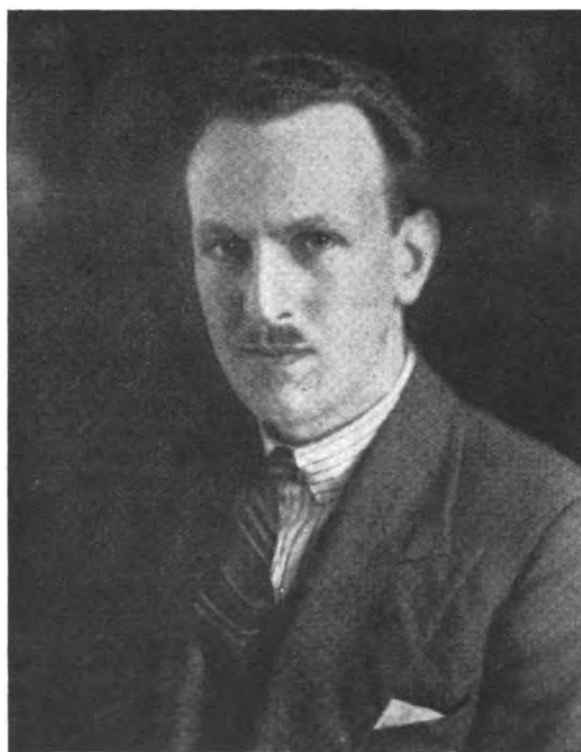
By J. H. C. HUBNER

(Managing Director of Hubners, Ltd.)

This article is in the main the lecture delivered by Mr. Hubner at Stationers' Hall on December 15th, but has been specially revised by himself, and constitutes a valuable contribution to the literature of the subject.

Photo-litho — as we know it to-day—is a comparatively simple process, but which has taken many years to reach its present stage. We all know what litho means—namely, the application of reproductions of images on stone or metal in greasy ink substance, which when dampened, inked and pulled through under pressure in contact with a sheet of other material, produce a facsimile of the image of the printing surface. We must carefully note the essentials of lithography—namely, grained plate, damping and ink, because these are applied in a very similar manner in photo-litho. It has always been the inventor's ambition to produce continuous tone by litho, but, so far as I am aware, this has never yet been accomplished—it would seem that the very fundamentals of litho are adverse to continuous tone. With the advent of the camera, inventive genius was turned soon afterwards to the reproduction of images on substances other than P.O.P.s and bromide papers. Then it was realised that, if only an image could be photographed on to metal, it could then be used as a printing base—line work or solids presented no difficulty, but tones were not so easy.

About the year 1900 Messrs. Levy and Haas succeeded in introducing a practical method whereby an image photographed through a screen produced a series of lines, which when printed on to metal, formed the image. By taking the screen out of the camera



and replacing it at right angles, a further exposure was then made which gave a cross-line effect or half-tone. Needless to say, there were many failures. However, after a continuous amount of experimenting, these two people succeeded in building a laboratory some thirty feet underground, encased in concrete, well away from all traffic disturbances, which enabled them to rule glass sufficiently free from vibration to make a comparatively perfect screen. The Levy and Haas screens are to-day known throughout the world as the finest screens. These screens were gradually improved upon until we have to-day what is commonly known as the half-tone ruled screen.

As general photography progressed, so its application to printing progressed. The use of colour filters in landscape work was applied almost immediately in filtering colours in the preparation of negatives for printing on to metal. Litho stone, the older method, although perhaps giving the better results for the finer classes of work, was replaced by zinc and aluminium, but before the latter came into use, photo-litho was practised on stone. I remember well, many years ago before the universal introduction of offset, the printing of photo-litho by flatted from stones; the results were exceedingly good, but not so fine perhaps as the delicate tones we are able to see produced to-day. There is no doubt, however, that photo-lithography from stone is infinitely

better than from plate—if only we could produce flexible stones of the gauge or caliper of plates, photo-offset printing to-day would be even better.

So much by the way. Photo-offset, as the term is used to-day, can be divided into two parts: (1) that produced from wet plate; (2) that produced from dry plate.

Wet plate we all know is the term applied when one prepares the photographic plate by means of coating a piece of plate glass with collodion. The negative prepared by this method is exceedingly hard and firm: the graduation from high-light to solid is particularly fine when in the hands of a skilled camera operator. It is used exclusively in black-and-white work, and the results on this class of work cannot be excelled by any other method, although the dry plates to-day offer exceedingly close results.

Dry plates, as the term implies, are dry when being exposed. The plates are bought from the manufacturer ready for use in almost any convenient size. We have Ordinary or Process for black and white; or the Chromatic and Panchromatic, besides a variety of many others. These, however, are those chiefly concerning us in the application of photo-litho. Wherever colour work is being considered, the use of Pan plates is essential. The Panchromatic plate is in itself colour sensitive, and with the use of the colour filter enables one to get very good colour separations.

The type of negative in its specific preparation is governed by the particular method one decides to

execute the job in. These methods can be divided into two classes.


Direct and Indirect Methods

By direct, we mean the making of a screen negative direct from the original copy, which after retouching is printed-down on to the plate. It is the use of the screen, besides the Pan plates and colour filters, that decides the standard of negative produced.

One can use coarse or fine screens of the straight ruled pattern, or grained screens. In the production of colour work taking the simplest form—namely, tri-colour—we must have three negatives: one for yellow, one for red, and another for blue. If the screen placed in the camera were left in the same position for each colour, we should have dots falling immediately on one another, thereby producing a series of brownish-black tones according to the density of the dots and the manner of filtering. To overcome this, we employ what are commonly known as screen angles. After taking the first negative, the screen is rotated so many degrees, the next negative is then taken, and so on for as many negatives as are required, thereby causing the dots to fall in close proximity to one another, but not coinciding. Another factor in the making of screen negatives is the screen setting. Using the screen in immediate contact with the photographic plate will give an exceedingly hard negative, very contrasty, in fact not highly suitable for reproduction purposes, because the tones between the extremes will be grossly exaggerated. By setting the screen slightly away from

Everything for Offset

ALGRAPHY LTD



**"ALCO"
MEANS
QUALITY**

Algraphy
can supply **ALL** your wants

**ZINC &
ALUMINIUM
LITHO PLATES**

Algraphy Plates have
achieved a name & reputation
for excellence & quality.

**RUBBER
OFFSET
BLANKETS**

The strength, resiliency & durability
of "Alco" Rubber Offset Blankets, red,
grey & brown, has become the standard.

Telegrams:
"ALGRAPHY, LONDON"
Cable Code: BENTLEY'S

ALGRAPHY LTD.
PHILIP ROAD, PECKHAM, S.E.15.

Telephone:
NEW CROSS,
1209.

the plate, an infinitely better negative is produced. In dealing with multi-colour work, where more than three colours are employed, four- or five-screen angles are used, and the angles duplicated on some of the colours, otherwise one would get patterns, so frequently seen in photo-process work a few years ago.

Dealing with the second camera method—namely, indirect, this is carried out by making a colour-filtered negative of the continuous-tone variety. The contact positive of this is next made, and then the final screen negative through a transparency, or the positive is screened through the transparency, and the final screen negative is made by contact.

Retouching

Passing from the camera, we enter the artist's or retouching department, where the negatives are further colour corrected by hand to liken them more to the original to be reproduced. In dealing with retouching of negatives made by the direct method, two ways are employed. In the one, one commences with a negative of fair density, and applies matt varnish which receives dressings of dyes or blacklead, which have the effect of holding back the parts required and thereby reducing the size of the dots. The practice of splashing with opaque, as I have seen done frequently, is bad, because it has a tendency to split up the dots, thereby causing a very ragged appearance. In the other method, one commences with a fairly hard negative, very dense, taken expressly for the high-light work, then by repeated applications of etch reducer, on the lines of the Peridak or any other of the well-known processes, the dots forming the tones are gradually reduced to the required size. With the indirect method, retouching takes a very similar form with one advantage, that one can reduce on the negative and also on the positive: in the one case you can, therefore, strengthen the shadows and in the other strengthen the high-lights. It is most difficult with some originals to obtain perfect negatives, particularly where one has a predominance of light tones, say, in the greys, blues and pinks, and it is, therefore, more advantageous in these circumstances to operate the indirect or three-way method. As the terms imply, the indirect method takes a longer time to produce, but the final result is, generally speaking, by far the best.

Just a few words about the dots on negatives and how they lend themselves to metal printing after retouching. I have denounced the use of splashing with opaque, and similarly I will denounce the use of varnish and stumping when carried to excess. You will find that a negative with a "concrete" dot is nearly impossible to alter by the application of varnish, dye or stumping. The type of dot necessary for working by this method must be necessarily soft. The retouching has an inclination to reduce the outer soft edge, but the remaining portion of the dot is still soft and allows a fairly wide margin of exposure in printing-down. The tendency is to make a print-down rather firm, and do further modifications on the plates by rubbing away when developing—another practice which I denounce.

Although a plate prepared by the use of the soft dot may appear satisfactory on the face of it, its life will not be long on the machine; and if the paper demands the use of a loose ink there will always be the fear and tendency to run-up, which will ruin the three-quarters and seven-eighths tones.

The best retouching is undoubtedly the etching of the dot, whether on a direct or indirect negative: the

dot so obtained on the plate is much harder and firmer, and is more trouble-free on the machine.

One thing is very obvious, however, no matter how perfect an original may be from a photographic point of view, no matter how perfect a plant and materials one may have, the skill of the camera operator comes first, and the artist retouchers second—some people imagine that given good cameras and materials, the rest becomes child's play.

Machine Plate-Making

Our next department is plate-making, and it is here where we find the test of good negative-making. I will not go into details on coating of plates: we are all familiar with the good standard bichromatic albumen coating (which, by the way, must be kept standard if the work is to be consistent and good). The plates are coated, whirled and dried off with as little heat as possible, and placed on one side to cool for several minutes before use, the object being to allow the plate and its coating to recover the temperature and humidity of the workroom. The negative is then taken and printed-down for a specific time, determined by the operator and the artist retoucher beforehand. The plate is then developed-out under water, dried and gummed up.

All this sounds so simple, yet there are difficulties galore. I will, therefore, try to bring a few of these to light. In the first place, there is only one exposure—the correct exposure for a negative to metal. By making a strong endeavour to produce retouched negatives to a standard size of dot, the accuracy of plate-making can be greatly assisted. In the second place, there is one ideal grain for a plate, and this is governed by the fineness of the screen, the type of paper upon which the work has to be printed, and the relative amount of solid ink to be carried, and is not determined, as most people allow, by the machine room. Given a fine screen, say, 150 and a plate of 100-grain, it is obvious that, besides the fact that many of the fine dots will be broken up by the coarseness of the plate, the quantity of water carried normally by such a plate will be too much and will gradually undermine the work. Another point regarding grain is exposure. A coarse grain requires heavier coating, and a thick coating requires longer exposure, and long exposures on multiple work are disastrous.

When speaking of retouching, I mentioned matt varnish for holding back work and reducing the dot. Up to a point this is all right, but soft dots on the negative are essential to this method—soft dots are the curse of plate-making. There is, therefore, a very quick limit to the size of the dot that can be obtained by this method, which, after all, is controlled by the printer-down. If the negative dot is soft, the plate dot is likewise, and even if you are successful in producing a good plate it will not stand up long in the machine.

Another point in plate-making, which is invariably controlled by the press room (part of the machine

LONGER LIFE—SHARPER IMPRESSIONS

GESTITE
GRAPHIC
ROLLERS

GESTITE ROLLERS, LTD.
FAWLEY ROAD, TOTTENHAM, LONDON, N17
TELEPHONE: TOT 2204

room), but which, in my opinion, should be part of the printing-down department, is the rolling-up and etching. Unless the pressman is an expert photolithographer understanding the fundamentals of the process and, therefore, the minuteness and delicacy of the work, it is utterly impossible for him to roll-up a machine plate correctly—and I must say that the average pressman is devoid of knowledge of photolitho plate-making. In the first place, every plate should be carefully gummed up and dried off in the printing-down department and left to stand some time before rolling up. It should then be rolled-up carefully—not too much ink: just sufficient for each dot to be properly covered—and then only lightly etched, just sufficient to desensitize the metal—no more. Afterwards gummed up and dried off immediately, not put on one side to dry while a plate is in a moist condition, which produces a "scum." This oxidisation cannot be successfully removed in half-tone work. I might add that we in our own works never roll up a plate for our machines. The plates are taken from the developing sink, sponged dry, and applied with gum etch (only slightly corrosive) and dried off almost immediately.

I hardly think it necessary to touch upon step-and-repeat machines, because the principles are the same, although one has to work with even more accuracy, and the advisability of using the hard dot is even more desirable, as it forms a basis for getting the same strength images and relatively short exposures.

Before leaving the printing-down, I should like to say a few words about zinc or aluminium plates. We all know that aluminium is a harder and better metal than zinc, yet how many firms use aluminium for photolitho work? Not many! I can't for the life of me understand why. It is a good and clean metal, and has, so far as I know, only one disadvantage—it oxidizes quickly. Surely this disadvantage can be overcome. It being a harder metal, one can obtain a much better grain than on zinc, and its wearing qualities on the machine I need hardly proclaim. Looking at the metal from a photographic point of view, it is far and away better than zinc, and I look forward with pleasure to the time when aluminium is used universally. I am sure that to obtain more satisfactory results in photo-lithography, the one immediate solution is to apply the use of aluminium plates.

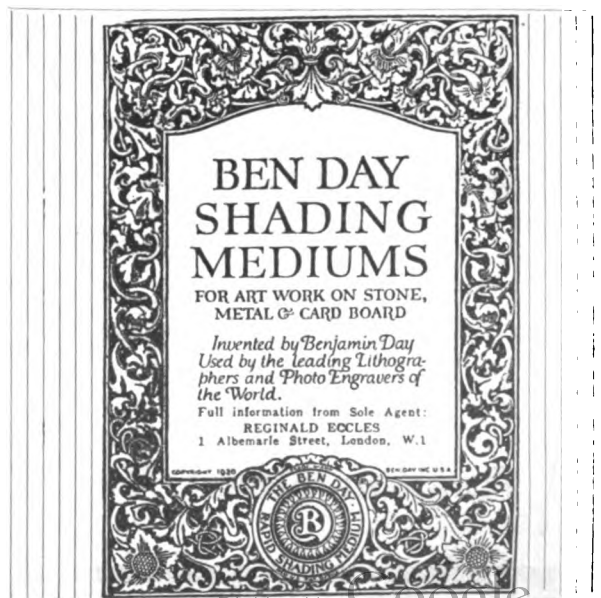
Deep Offset Process

The deep offset process or intaglio offset, as it is sometimes called, I know will be awaited with interest. We have all heard so much about it, and the fact that it is going to make ordinary photo a back number, that I feel it is high time somebody broke down these fears. Deep offset explains itself—the parts carrying the ink do not stand up as in ordinary photographic printing, but are actually recessed, and the parts of bare metal carrying the moisture are actually the normal level of the plate. One of the chief methods used employs the positive reversal process. A negative is made in the usual manner either screen or continuous tone, which is retouched. From this a contact positive is made or a screen positive through the transparency, which is again retouched by the dot reduction method. This positive is printed-down to a zinc plate coated with a gum bichromate solution in the ordinary manner. The development is not then carried out in water, but with a solution of calcium chloride dissolved in a weak acid and having a low water content, the object of the acid being to keep the metal clean and free from any

impurities. Great care must be taken not to over-develop, since being a reversal the more one develops the more one is really putting work on the plate. When development is complete, the plate is thoroughly swabbed over with industrial spirit (to clean and remove any traces of moisture), and then a solution of nitric acid and alcohol is flowed over thereby etching the plate. In the early days of intaglio offset, it was the practice to etch very deeply to give quite a relief, but now this has been proved of no value; in fact, it is disastrous to the rubber blankets on the offset machine. Etch, therefore, but slightly. After etching, the plate is again swabbed in an industrial spirit, and a further solution of shellac dissolved in alcohol is passed over the plate and subsequently dried off. The plate is then inked up as in photo-litho, dusted with chalk, and subjected to liberal application of a weak solution of sulphuric acid which gradually dissolves away the hardened image of bichromatic gum, the plate is then dried and rolled up and etched as ordinarily. For ordinary line work this process is hardly advantageous. For short runs even in high-class colour work it is too expensive; but where one desires the production of many thousands of prints all the same, with little or no variation from beginning to end, and where brilliancy of colour is also another great factor, the process is extremely useful. Needless to say, it is somewhat involved and calls for many hours, even weeks, of experimental work before plates can be produced with any degree of accuracy.

The Three-Colour Process

I am often asked why we cannot in photo-litho work to a standard of three-colour system as in block work, and my reply is invariably that we can, but there are practical difficulties which are unsurmountable. In the first place, photo-offset is planographic, whereas block is relief, and, therefore, the quantity of ink carried in the first process is vastly different from that in the block method. Secondly, one seldom sees good-quality colour block printing on anything but coated paper, whereas in offset the average person demands anything but coated. Thirdly, overlaying and underlaying on blocks is invariably used to force particular parts,



whereas offset cannot be treated in this manner to advantage. In my opinion, it is to-day not advisable to attempt to reproduce an artistic original in less than five colours—yellow, red, pink, and two blues—and if it is of a critical nature a black or brown is invariably a necessary adjunct. However, the time is not very far distant when three-colour photo-litho will be very much more used. With the great advances in the production of super-concentrated and brilliant offset inks, combined with the use of 150-ruled screens and the application of very fine grained aluminium plates, the three- and four-colour system will come to the fore.

Black Devils of Photo-Lithography

I have given them this title for want of a better name. In my travels amongst printers connected with the process I am constantly being asked questions, which after a little thought strike one as being very little short of ridiculous. People approach me with a very serious and puzzled expression on their faces: "If I do so and so, the dots become fuzzy"; "we never get more than twenty reams off our plates, why is it?" These difficulties, or "black devils," are in most cases caused through a multitude of indiscretions, and can usually be boiled down to incompetence partly due to ignorance and to lack of co-operation between the various departments.

Given good plant, machines and chemicals, all operated by only first-class men, artists and mechanics, there is only one other factor in the production of good photo-litho, providing the process worked is good, and that is absolute cleanliness in every depart-

ment. I find that most troubles are due to someone experimenting, deviating from the standard. Experimenting is all very well, provided it is carried out in its proper place; but to experiment on jobs without the consent of the "chief" is nothing short of madness. Where your workpeople have been accustomed to guessing, make them adhere to known factors and accurately made-up chemical solutions; where they have been allowed to use gadgets and dopes, put a stop to it. I do not intend to go fully into these many "black devils" that so frequently crop up and cause so much perplexity, anxiety and worry. There are three factors that tend to make perfect photo-litho: cleanliness, efficiency, and organisation.

Co-Operation

My next paragraph dealing with co-operation is very closely linked up with the closing words of my last section—namely, efficiency and organisation. It is quite obvious that each department must have its head, whose business it is to see that efficiency reigns under him, one who controls the output and the quality; but while each department can in itself be efficient, the firm as a whole may be thoroughly disorganised. It is therefore necessary to have further heads or managers, whose duty it is to see that all these departments work in unison and harmony. We have the buyer of print, who incidentally we have to put first for more reasons than one. Next comes the artist, studio or designers (who originate the advertising matter), next the estimator, then the camera department for producing the negatives, next the artist

GEORGE MANN & Co.

(1932) LIMITED

SPECIALISTS IN—

ROTARY OFFSET MACHINES

(SINGLE COLOUR, TWO COLOUR AND PERFECTING)

ROTARY TIN-PRINTING MACHINES

(STANDARD AND RAPID MODELS)

HEAD OFFICE AND WORKS:

HUNSLET—LEEDS

PHONE—LEEDS, 20424-5


LONDON OFFICE AND WORKS:

Ampton Street, Gray's Inn Road, London, W.C.1

■ PHONE—TERMINUS 6285 ■


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono.cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLLET," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPE CO., LTD., Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornill chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: City 4943 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

department for retouching and with this we must link up the proofing department, closely allied to this is the printing-down room for the preparation of the proofing plates and the subsequent making of machine plates, and, lastly, the machine room, whose duty it is to turn out the wonderful photo-offset printing which is ultimately so closely scrutinised and criticised. There may, of course, be other departments following on, but I will omit these as they do not directly concern the production of a photo-litho job.

Dealing with a buyer of print, first I do strongly urge him to respect his offset printer, to encourage co-operation so that he will derive the benefit in receiving better-quality photo-offset work. So much trouble could be alleviated if the printer and buyer worked together instead of in opposite directions. Time alone, we know, is a great factor, but very often we are confronted with impossible times; surely the printer has sufficient courage of conviction to press for what is in his opinion a legitimate time for the work. The same applies to the number of colours necessary to produce the work. Assuming the master printer to have been successful in convincing the buyer that his firm is the right one to produce the particular piece of advertising, he then commences work by placing in hand the design; but—and a very big *but*, too—he, if he is wise, also consults his production manager, together with his estimator, as to design, number of colours and process. The artist studio works in co-operation with the manager in originating a design of advertising and artistic merit that can be suitably reproduced both economically and efficiently, not as some do by introducing many more colours than desirable, or introducing far more work than either price or time will allow. Having got the design tentatively “passed,” the estimator will be able to submit a quotation that will bear close scrutiny and will not be “miles too dear” as we often hear.

The next step is negative-making. Here again, under the watchful eye of the works manager, the camera operator works in conjunction with the artist retoucher, and perhaps the printer-down in producing negatives that need the least possible retouching and afford easy printing-down and subsequent easy printing properties on the machine. The artist retoucher must

supervise the proofing, and when the proofs are submitted there should be no corrections other than “author’s.” The next important step is machine plates, on which so much depends. The printing-down operator demands 150-grain plates; the machine room foreman demands 80-grain. If the former are used, the work is doomed before it enters the machine, the minder sees to that. If the latter are used, half the dots are missing and the plate looks scabby—more grumbles. By diplomatic co-operation under the watchful supervision of the works manager, a grain of 120 is selected, and the machine plate, while not possessing perhaps the beautiful engraved-like dot that a good plate should have, is not too bad and satisfies the minder a little more. From printing-down to press-room for rolling up (not under the eye of the machine room, but under the eye of the overseer of the printing-down room) where it is finally passed out to the machine. According to most works, it is the machine room that “makes” the job, and all credit goes to them. However, although bouquets are not lavished in printing works, I have always felt that the average minder imagines he is immune from defects if he is equipped with a good machine. Not so; a machine minder must be intelligent; he must know all the fundamentals of photo-litho; he must be resourceful. He must be a chemist and understand inks and their peculiarities, papers and their comparative disadvantages. He must also be a thoroughly good engineer and be master of his machine, knowing every movement, nut and bolt. In my opinion, the machine minder who is fully competent—I grant you there is not a glut of them—is grossly underpaid. According to the foregoing you will see that this works manager is an ideal man because he must be thoroughly conversant with each department. However, I do feel that there are many men in responsible positions who are not competent and lack the knowledge necessary to qualify them as works managers.

In passing out of the machine room, I should like to suggest that every “minder” have a pocket magnifying glass, consisting of three lenses, one of twelve diameter, and the other two varying down to six diameter magnifications, to carefully examine every plate before going in the machine, and to continue to examine it throughout the run, all the time watching

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38,
Cable Street, Liverpool. “DIXO-
TYPE” THE ONLY BRITISH MADE
DRY FLONG. Also Tissue Blotting
and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38,
Whitefriars Street, London, E.C.4.
Phone: Central 3839. “IDEAL” Dry
Flong for Hand-casting and “CLEAR-
TYPE” Dry Flong for Machine Casting.
“PHOTOTONE” for Illustrations.

PETERS, W., Ltd., 11, Queen
Victoria Street, London, E.C.4.
“SILVERTONE” for cold moulding.
FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112,
Borough Road, London, S.E.1.
Tel.: Hop 6604. Telegrams: Expugnator-
Sedist, London. Cables: Hoe, London.
Complete Lines of Rotary and Flat Stereo
and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., &
SONS, LTD., Water Lane,
Leeds, and 9/11, Bowling Green
Lane, Farringdon Road,
London. **ROTOPLATE (Reg.**
Trade Mark) and ROTASHAVER
Casting and Finishing Machines.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS,
LTD., Water Lane, Leeds,
makers of the “ENSIGN”
Standard and Speedy **TIN**
PRINTING MACHINES
AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca,
Monmouthshire. London Office and
Stockrooms, 11-17, Plough Court, Fetter
Lane, E.C.4. Tel. Central 8640.
Manufacturers of the well-known hard
wearing **RISCATYPE.** All the best
known **MONOTYPE** faces in complete
founts, including the Gill Sans Family
6pt. to 72pt. It's the metal that counts.

the shape of the dots and comparing them with the printed sheet coming off—a surprising lot can be learned about the machine and what it is doing to the plate.

Advantages of Photo-Litho

The advantages of photo-litho over other processes are very apparent, the first and foremost being the great variety of papers one can print on, still obtaining fairly good results. The second, in my estimation, is the speed at which printed sheets can be turned out. Take for instance a demy quarto leaflet in black half-tone; fifty thousand copies can be completed in nine and a half hours from beginning to end in efficient works, using a double-demy auto-fed machine and a medium-weight cartridge paper.

One of the things which plays a great part in photo-litho to-day is the fact that the younger generation is neglecting chromo-litho, and at the rate we are going I estimate that chromo-litho will be extinct in two or three generations, simply because the craftsmen are dying, and there is nobody to fill the gaps. I do not think that cost pure and simple enters into photo-litho so much as people imagine, provided one concentrates on the production of good quality, excepting when one considers the larger types of work.

With regard to the classes of work most suitable to photo-litho, I should place first and foremost the reproduction of all fine art pictures—oil colour and water colour. Outside these I am afraid that other processes are just as suitable, studying quality only, and it is only when one has to consider price and time that photo-litho scores.

Photo-Litho and Its Call for Common Sense

My last point, dealing with the call for common sense in the application of photo-lithography, hardly needs a great deal of amplification. Some people look upon photo-litho as mysterious, comprising a lot of unknown processes brought about by unknown chemicals, which are handed down until they become rule-of-thumb methods. This is hardly so. Every detail is done for one particular purpose only, and the chemical actions brought about are simply ordinary actions which every man in the craft must understand. We in

London have opportunities for learning which no other city or town has, and it is up to every one to make it his business to understand the whys and wherefores: once these have been mastered, the rest is common sense. A very clever printer once told me when I was still quite young, that offset printing consists of fundamentals with the addition of a wealth of common sense. "Never do anything without understanding what effect it will produce," he said. "Make a mistake once, that is pardonable; but to make the same mistake twice is criminal." It will often assist when in difficulty not to think of all the things one can do to put the evil right, but to stop and think what may be wrong. I'm afraid that one is too frequently tempted to jump to conclusions and to turn all the knobs at random without due thought, trusting to luck that it will have the desired effect.

Another thing that calls for reflection is dishonesty. Many people in the printing works are dishonest, not because they wish to be criminals, but rather that they make mistakes and wish to cover them up by bluffing and pretending that the job has *gone wrong all by itself*. Surely it is no disgrace to admit an error of judgment or even incompetence, particularly when one reflects that by "telling the tale" the blame is placed on some innocent person who has to suffer without possibly having the opportunity of voicing an opinion, which may even result in his dismissal.

Common sense is the backbone of offset printing, and I have known a comparatively uneducated printer to turn out good print, but unfortunately one must have the fundamental knowledge to apply common sense to the fullest capacity.

THE death has occurred of Mr. Frederick Taylor, foreman lithographer employed by Messrs. Hudson, Scott and Sons, Carlisle.

MR. WILLIAM LESLIE, lithographer, 77, Charlotte Street, Aberdeen, left estate to the value of £1,250.

"SURE, offset will make good money," says the "National Lithographer" (New York). "It has been good for everything else, and many people have prospered by its use. That ought to be a good 'hunch' for its use in turning out American banknotes."

TRADE SPECIALISTS

HUBNERS LIMITED

DISTINCTIVE PHOTO-OFFSET PRINTERS

136-142 CLERKENWELL ROAD
LONDON E.C.1

TELEPHONE
Clerkenwell 5028

TELEPHONE
Clerkenwell 5028

LITHOGRAPHIC TRADE REVIEW

NOTES AND NEWS

INQUIRIES made in official quarters regarding the state of the lithographic trade do not, unfortunately, elicit encouraging reports. There seems to be little evidence to indicate an early return to anything like prosperity. At the moment, the actual volume of work in hand is considerably less than was the case a month ago; compared with twelve months ago, it is about the same. Though some falling-off is not surprising, lithographers are puzzled by so marked an absence of any movement towards recovery, especially as several other branches of the industry seem to be "picking up" a bit in step with the gradual improvement in industry generally. The stoppage of the cigarette gift coupon system amongst the tobacco manufacturers has not as yet made any perceptible difference, although it is thought likely that this development will eventually affect lithographers disadvantageously. Work amongst many of the larger lithographic establishments continues steady, although some of them are experiencing only spasmodic work.

* * *

In the quarterly report of the Amalgamated Society of Lithographic Printers, Mr. F. F. Boaler (the general secretary) takes up several matters of interest. After touching on the working of excess overtime, Mr. Boaler says: "Another matter which has been engaging our close attention is the habit of the C.W.S. directors placing orders for printing and box-making with non-society firms. Pressure is being applied, not only by ourselves, but by the P. and K.T.F. and the T.U.C. We have provided the C.W.S. directors with information and arguments which we hope will stop a practice which is altogether out of harmony with the aims and objects of the co-operative movement. Your Executive will never be satisfied until the C.W.S. has accepted the fair list of employers printed in our Half-yearly Reports, and they look to all members who are co-operators for their assistance in this direction."

* * *

REGARDING what he describes as the foolishness of the wage-grade system, Mr. Boaler says: "Your E.C. are convinced that the best thing that could happen to the printing industry would be a determination on the part of employers and workers alike to eliminate all

geographical grades and establish a uniform minimum rate for the country."

* * *

THE address on Photo-Lithography given recently by Mr. J. H. C. Hubner (Hubners, Ltd.) at the Stationers' Hall (as fully reported in this issue), has been highly commented upon by many lithographers, including members of the Amalgamated Society of Lithographic Printers, a number of whom were present. Under the chairmanship of Mr. Woodgate Stevens (the London secretary of the Society) the meeting proved to be a very helpful one, throwing light, as lecture and discussion did, on many interesting points in lithographic practice.

* * *

MUCH satisfaction has been expressed amongst lithographic printers at the possibility of the silk flags used by the Kensitas cigarette producers being printed in this country instead of in the U.S.A., as formerly. This is a matter which has been engaging the attention of the National Council of the Lithographic Printers, and it looks now as if their efforts, in co-operation with those of others, may prove successful.

* * *

MR. C. W. SPERRING, the enterprising president of the Lithographers' Trade Auxiliary, has been successful in securing Mr. Percy Squires as chairman of the next concert of the Auxiliary, to be held on January 22nd at Cannon Street Hotel. The excellent array of concert artistes, secured by Mr. Herring (the musical director), and the backing which Mr. Squires deserves to receive from the industry should assure the success of this first such effort of the New Year.

* * *

THE Lanston Monotype Machine Company, of Philadelphia, announces the introduction of the Monotype-Huebner Vertical Plate-Coating Machine, for sensitising offset press plates. The new machine was developed by Huebner Laboratories, Inc., of New York City, and was manufactured by the Monotype Company at their Philadelphia plant. By rotating the press plates in a plane almost vertical, gravity and centrifugal force are combined, the announcement states, and this distributes the sensitising solution evenly over the surface of the plate.

Ready for use
GUARANTEED
when delivered



Covered
Rollers Supplied
ECONOMY
For Test Without
Obligation

Contractor to the Indian Government and H.M. Crown Agents

LITHOGRAPHIC AND LETTERPRESS

(INKERS - DAMPERS - VARNISHING) ★ As confirmed by many important users. (GRAVURE - DIE STAMPING - PROCESS ENGRAVING)

★ "More Durable and Economical than other makes at present available, including Nap (Skin), Rubber." ★ "Up to Seventy-five per cent. Economy in cost of Ink, with clearer and sharper Printing."

★ Life as yet to be ascertained LITHO—OVER SIX YEARS LETTERPRESS—NEARLY SIX YEARS

Not affected by atmospheric conditions.—European or Tropical.

LOUIS MINTON
TREVILYAN BUILDINGS
CORPORATION STREET
MANCHESTER

Do not Shrink, Swell, Crack or Loosen at Highest Speeds

Printers' Pension Corporation

Next Saturday's Concert

The following letter has been circulated in the trade by Mr. J. W. Russill, of Messrs. B. Winstone and Sons, Ltd. :—

Winstone House,
150-152, Clerkenwell Road,
London, E.C.1.
December, 1933.

Dear Sir,

I have accepted the invitation of the Ilford Auxiliary to the Printers' Pension Corporation to preside at the New Year's Concert, to be held at the Cauliflower Hotel, High Road, Ilford, on Saturday, January 6th, 1934, at 7.30 p.m. and I very earnestly invite your presence in support of the worthy objects for which these concerts are held.

Should your engagements not make it possible for you to be present, might I ask you to send me some donation towards the Printers' Pension and Orphan Funds.

In appealing to you I feel sure I shall receive your sympathy and support, and trust I may have the privilege of announcing the receipt of a contribution from you.

Yours sincerely,

J. W. RUSSILL.

Mr. Russill sends us a copy of the programme. The concert should be an excellent one, and is worthy of the support of the trade.

THE death has occurred, after more than fifty years' continuous service with the "Aberdeen Daily Journal" and the "Aberdeen Press and Journal," of Mr. Thomas Crichton, compositor.

Knighton and Cutts

Successful New Year Dance

The "K. & C." Social and Sports Club held another of their successful dances at Graves', New Oxford Street, W.C.1, on Saturday evening last. The selection of date was most fortunate, since the gathering was a happy New Year Party for the staff of Messrs. Knighton and Cutts—the well-known process engravers, of Denman Place, W. Mr. J. Pilkington was the M.C., the music being provided by Red Smith and his band. There were over 300 present, and the proceedings went with a swing from the first dance. The feature of the evening was a carnival procession with Mr. B. Thumwood as the "King" and Mr. A. Shaw as the "Queen," the attendants being Messrs. H. Frost, W. Bailey, C. Penny and E. Harris. The arrangements for the gathering were in the capable hands of Mr. F. J. Anderson, assisted by Miss Gambell.

THE "Libraries, Museums, and Art Galleries Year Book," 1933, published by Mr. A. J. Philip, "Lodge-wood," Gravesend, contains an extensive list of library associations, libraries, museums and art galleries throughout the British Isles, a selection of colonial and foreign libraries (in which section much new information is included); a list of passenger steamships with libraries; various tables and statistics regarding public and private libraries in the British Isles; and finally a biographical section and a select addressing list.

LITHOGRAPHERS

No matter how good your roller may be

YOU CAN ONLY
PRODUCE
**PERFECT
PRINTING
PLATES**

by
USING



Z
E
T
C
H

This ideal etch is free from chromic acid and easy to use

SUPPLIED IN POWDER FORM	
1 lb. cartons	12/6
1/2 " "	7/-
1/4 " "	4/-

obtainable only from

ALGRAPHY LTD
Philip Road,
PECKHAM, S.E.15.

Telephone
New X 1203
Bentley's (ode)
Telegrams
"Algraphy"
London

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2

Some useful Composition Faces available:

ARRIGHI ITALIC	GILL SANS (Bold, Light, Extra Light and Italic)
BASKERVILLE	GLOUCESTER (bold, light and italic)
BLADO ITALIC	GOTHIC, LINING (eight sizes)
BODONI	GOUDY (bold and italic)
BOLD FACE	PASTONCHI
CENTAUR	POLIPHILUS
COCHIN (MONO)	PLANTIN (light and 110)
CASLON OLD FACE	IMPRINT, Etc.
CLEAR FACE BOLD	
GARAMOND (light and bold)	

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

Death of Mr. A. Anning

Pioneer of Modern Illustration

It is with great regret that we announce the death, which took place at the age of 62 years on Friday last, of Mr. Arthur Anning, well known in the trade as the general manager of Messrs. Lascelles and Co., Ltd., of Essex Street, Strand, W.C.



THE LATE MR. A. ANNING

Mr. Anning was distinctly one of the great figures in the process world. His experience and knowledge alike were unique, and he was not only universally respected but very widely held in affection.

Originally apprenticed to Messrs. A. S. Catell and Co., he served the following firms with distinction in varied capacities: B. Dellagana and Co.; John Swain and Son, Ltd. (Barnet); Bourne and Co.; and the Marshall Engraving Co., Ltd. He occupied for some time a position in the studio of the Anglo Engraving Co., now the well-known Sun Engraving Co.

It was in 1913 that he joined Messrs. Lascelles, who were then located at Willesden, and he moved with the firm to Floral Street, W., and subsequently to Gwynne House, Essex Street, Strand, its present home.

The firm of Lascelles became Lascelles and Co., Ltd., in 1896, prior to which time the Lascelles family were wood engravers of repute. The firm has a distinguished history and reputation as makers of plates for the "Illustrated London News" group of papers. In the development of the firm Mr. Anning took a prominent part. He was one of the pioneers of three-colour photography in this country and also of photogravure. It was, in fact, in 1910 that Messrs. Lascelles commenced experimenting with the process and proofing their etchings on a single-colour wallpaper printing machine. A year later they were occasionally producing insets for the "Illustrated London News," and by 1912 were regularly producing cylinders weekly for this paper, being the first house to produce gravure etching for weekly publication.

In 1915 they produced the first two-colour gravure for the "Illustrated London News," and three-colour

gravure made its first appearance as a regular feature in papers of the "Illustrated London News" group in 1925.

Mr. Anning was a charming personality, and endeared himself to all who knew him. He was always ready to do anyone a good turn, and to know him was to know a friend. There was no "side" about him; he was in every way approachable. His knowledge was not confined to theory—he was a thoroughly practical man. His passing leaves a gap that cannot be filled, as the tributes from all branches of the trade testify. His life is an achievement in that he contributed in no small degree to the development of modern illustration.

From 1905 to 1922 he was a part-time instructor at the L.C.C. School of Photo-Engraving, Bolt Court, E.C., and upon relinquishing the position he was actively associated with the school as a member of the Advisory Committee.

The funeral took place at Wandsworth Cemetery on Tuesday afternoon. There was a large attendance at the cemetery, including Mr. A. R. Vaughan and Mr. R. Chapman, representing Messrs. Lascelles and Co., Ltd., and Mr. A. J. Bull, M.Sc., F.Inst.P., F.R.P.S. (principal of the L.C.C. School of Photo-Engraving, and president of the Royal Photographic Society).

Mr. Anning was of course, a member of the Federation of Master Process Engravers, and, although he had never held office in that organisation, was a firm believer in it. His death comes as a shock to all the members of that body, who held him in the greatest respect.

QUALITY AND ECONOMY IN PRINTING INK



THE HIGH STANDARD OF
PRINTING WHICH IS PRODUCED
TO-DAY, CALLS FOR INK OF AN
EQUAL STANDARD. WHEN
PURCHASING, WHY NOT BUY
THE BEST, AND AVOID THOSE
TROUBLESOME DELAYS WHICH
ADD TO YOUR COSTS? **GOOD
WORK DEMANDS GOOD INK.**

INKS

LITHO, TIN PRINTING
L'PRESS, LACQUERS
OFFSET, VARNISHES

Working Samples and Quotations gladly forwarded on request

EDWARD MARSDEN LTD

PICKERING ROAD - HULL - YORKS
Telephone: Central 32464 Telegrams: Marcella, Hull

London Representative:

W. LUCKHURST
17, CRAWLEY ROAD, WOOD GREEN, N.22

Phone: Bowes Park 3580

CALENDARS, Etc., RECEIVED

MESSRS. T. G. and J. JUBB, LTD., the well-known typefounders of Jack Lane, Hunslet, Leeds, send two calendars. One is their serviceable day-to-day pad, which with its large letters in red is most useful. The other consists of six sheets of "Young Moore's Almanack" each bearing an amusing colour reproduction. Two months' dates appear at the foot of each sheet.

THE calendar issued by Messrs. Slater and Palmer, Ltd., is useful not only as a calendar, but also as suggesting attractive complementary colours. The monthly tear-off sheets, printed with a variety of letterpress matter, exemplify a series of six high-grade fast printing inks.

FROM the Fisher Bookbinding Co. (1912), Ltd., we have received a diary for 1934, for which Spirax binding has again been employed. From personal experience we can say that with this type of binding the diary remains perfectly flat when opened, and does not at any time require the attention of the fingers to keep it in position. As regards practicability and strength also, this method of binding has everything to recommend it. The diary itself is enclosed in a neat leather cover.

THE diary issued annually by the Printing, Bookbinding and Kindred Trades Overseers Association has now become to its members an indispensable *vade mecum*. Like its predecessors, the diary for 1934 contains much information likely to be of service to the members of this virile and useful Association. In addition to a list of the members, together with their business addresses, there are given tables of millboard thicknesses, sizes of cards and account books, equivalent paper substances, sizes of writings, printings, etc. The diary is encased in a handsome leather cover, on the front of which is stamped the Association's monogram in gold.

A DELIGHTFUL calendar is that from Messrs. Shackell, Edwards and Co., Ltd., the printing ink makers. A four-colour print, reminding one of the old coaching days, admirably exemplifies the firm's photogravure inks.

AN admirable example of two-colour gravure printing, giving multicolour effect, is the chief feature of the daily-tear-off calendar issued by Messrs. Harrison and Sons, Ltd., King's printers. A matt black background, gold blocked, makes an appropriate mount.

THE Yule-Tide Number of the "News Letter"—issued from the publicity department of the Monotype Corporation under date December 20th as an "Interim Number"—is offered as "a trifle of Seasonable Entertainment." It also brightly serves to present specimens of Monotype type-faces and other sorts.

THE "Pahco Diary" issued by Messrs. Peal, Ashdown and Hart, Ltd., printers, of Emerald Street, London, W.C.1, is again a neat leather-bound waistcoat pocket diary that does credit to the producers.

WE also cordially acknowledge and reciprocate greetings received from: Mr. Frank Colebrook; Messrs. Fordham and Co., Ltd., Walthamstow; London Office of the Leipzig Fair; Messrs. L. S. Dixon and Co., Ltd.; Mr. and Mrs. W. H. Burchell; Mr. W. E. Gurd; Messrs. Wiggins, Teape and Alex. Pirie, Ltd.; Mr. Walter Bradley; "County Press," Isle of Wight; Dr. G. Spiess, Leipzig; The Printing Industry Craftsmen of Australia; Messrs. Swire and Sons, Rochdale; and Messrs. Wood and Sloane, Ltd., Liverpool.

Printers' League Football

The following are the results of the matches played on Saturday, December 23rd:—

Waterlows 3 v. London School of Ptg. 1
The other fixtures for that date were cancelled.

The results of the matches played last Saturday (30th) were:—

King's Printers 1 v. Cannon House 4
Bowater's 1 v. Cornwall Press 1
Haycock Press 4 v. London School of Ptg. 3
Oyez 3 v. Loxley 0
Waterlow 4 v. Waddington 1

'PHONE HOL. 0527

for

SKILLED CRAFTSMEN
(N.S.)

READERS • COMPOSITORS • LINO,
MONO AND INTERTYPE OPERA-
TORS • MACHINE MINDERS (LITHO
AND LETTERPRESS) • LAYERS-ON •
WAREHOUSEMEN AND CUTTERS •
GOLD BLOCKERS

**THE PRINTERS' PROVIDENT
ASSOCIATION**

21 CHARTERHOUSE ST., LONDON, E.C.1

CAXTON CONVALESCENT HOME

LIMPSFIELD, SURREY Tel: The Chart 13

President—T. W. GEORGE, Esq.

Treasurer—The Right Hon. C. W. BOWERMAN, J.P.

Devoted exclusively to the use of Men and Women engaged in the Printing, Process Engraving, Bookbinding, Stationery, and Kindred Trades. Patients received from all parts of the Country: the Caxton Home is not a Public Institution.

A Subscription of Three Guineas annually by an Employer Society or Workshop gives the right to nominate a Patient each year for a Three Weeks' residence at the Home on recovery from illness including travelling expenses from London.

Penny-a-week Subscriptions from employees are earnestly solicited. Annual Subscribers (minimum 4/-), through a Collector or direct to the Office, are entitled to a Three Weeks' stay at the Home entirely free. Wives of men in the trade admitted on their husbands' subscription.

Paying Patients & Non-Subscribers: £1 10s. 0d. per week

DONATIONS TO

**Building & Endowment Funds
WELCOMED**

London Office: Tel.: Secretary:
3, CURSITOR ST., E.C.4 Holborn 0197 W.F. FRANCE

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 19s. 3d., 6½ p.c. 1st pref. 24s. 1½d. xd., 8 p.c. pref. 23s. 4½d., 23s. 3d., 5 p.c. 1st deb. 104½ xd.; Amalgamated Press 18s. 9d., 7 p.c. pref. 24s., 23s. 9d., 4½ p.c. 1st deb. 103½; Argus Press 7 p.c. pref. 28s. 4½d.; Associated Newspapers defd. (5s.) 20s. 4½d., 20s. 5½d., 5 p.c. pref. 22s. 10½d., 23s. 6d.; British Glues and Chemicals (4s.) 3s. 6d., 8 p.c. pref. 21s. 10½d., 21s. 6d.; R. W. Crabtree pref. (10s.) 7s. 6d.; Daily Mirror (5s.) 14s. 7½d., 14s. 6d., 8 p.c. pref. 28s., 28s. 6d.; Daily Sketch and Sunday Graphic gtd. 1st deb. 104; J. Dickinson 46s.; Financial Newspaper Proprietors 7s.; Financial Times 7 p.c. pref. 16s.; Hutchinson 7 p.c. 1st pref. 15s. 7½d.; Illustrated Newspapers 7s. 3d., 7 p.c. pref. 15s. 6d., 15s. 10½d.; Industrial Newspapers 7½ p.c. 1st pref. 8s., 8s. 6d.; International Linotype 20; Lamson Paragon 10 p.c. pref. 31s. 6d.; London Express Newspaper 7 p.c. pref. 23s. 6d., 23s. 10½d.; Monotype Corporation 31s. 3d., 30s.; G. Newnes (10s.) 27s. 1½d., 7 p.c. pref. (10s.) 13s. 3d., 13s. 4½d.; Odhams Press (4s.) 8s. 3d., 8s. 2½d., 6 p.c. pref. 22s. 3d., 6½ p.c. A pref. 22s. 9d.; C. A. Pearson 5½ p.c. pref. 20s., 20s. 6d.; Portsmouth Newspapers 5 p.c. pref. 20s. 9d.; Sunday Pictorial Newspapers (1920) 41s. 9d., 41s. 6d.; R. Tuck 15s. 7½d.; United Newspapers 7½ p.c. pref. 4s. 9d.; Waterlow and Sons def. 14s. 9d. xd., 6½ p.c. pref. 23s. 3d., 4 p.c. pref. 18s.; Weldon's 10 p.c. pref. 20s. 6d., 6 p.c. pref. 20s. 6d. xd.

Dividends and Reports

R. W. CRABTREE AND SONS.—Interim dividend at the rate of 5 per cent. per annum on the twelve-and-a-half per cent. cumulative preference shares for the year 1932.

New Companies

SURRIDGE, DAWSON AND CO., LTD.—Capital £150,000 in £1 shares (30,000 6 per cent. cumulative preference and 120,000 ordinary); to acquire such part of the undertakings as appear in an agreement with Wm. Dawson and Sons, Ltd., and P. W. J. Surridge and Sons, Ltd., and to carry on the business of wholesale and/or retail newsagents, booksellers, stationers, bookbinders, printers, etc. Private company. Directors: Lancelot E. G. Agney, Leonard A. Box, Guy H. Wood, Chas. C. Sherring, Percival J. Surridge, Edward E. Surridge, Fdk. J. Surridge and Frank Cleave. Registered office: 239/241, Blackfriars Road, S.E.1.

EDWARDS DUNLOP AND CO. (LONDON), LTD. Capital £12,000 in £1 shares; to acquire

the business now carried on by Edwards Dunlop and Co. (London), Ltd., of Clarence House, Breems Buildings, Chancery Lane, E.C., and to carry on the business of paper merchants, stationers, booksellers and importers and exporters of type and printers' machinery, etc. Private company. Directors: James M. Dunlop, Wm. P. Dunlop, Bertie C. Edwards and Wm. C. Shea. Registered office: 7/9, Breems Buildings, Chancery Lane, E.C.4.

J. S. WHEELWRIGHT, LTD.—Capital £10,000 in 8,000 5 per cent. redeemable preference shares of £1 and 40,000 ordinary shares of 1s. each; manufacturers of and dealers in all kinds of plant, machinery and appliances for the purpose of screen printing or in any other manner printing or impressing patterns and designs or ornamenting all kinds of materials, fabrics, skins and leathers, etc. Private company. Subscribers: L. Bell and E. Edwards. Solicitors: Allen and Overy, 3, Finch Lane, E.C.3.

JACKSON'S ADVERTISING SERVICE, LTD.—Capital £10,000 in £1 shares; to acquire the business now carried on at 45, Fenchurch Street, E.C., as "E. H. Jackson and Co.," and to carry on the business of advertising agents, printers, stationers, lithographers, etc. Private company. Permanent directors: Edmund H. Jackson, Walter A. Jackson and Ewart G. Mansfield. Registered office: 45, Fenchurch Street, E.C.3.

T. G. REEVE AND SONS, LTD.—Capital £2,000 in £1 shares; bookbinders, rulers, account book manufacturers, lithographers, engravers and stationery manufacturers; to acquire the business carried on at 36 and 38, Lady Lane, Ipswich, as "T. G. Reeve and Son," and to adopt an agreement with T. G. Reeve, T. G. B. Reeve and J. E. Tricker. Private company. First directors: Thomas G. Reeve, Thomas G. B. Reeve, Stanley E. Reeve and John E. Tricker. Registered office: 36 and 38, Lady Lane, Ipswich.

EUROPEAN MAGAZINE CORPORATION, LTD.—Capital £2,000 in £1 shares; publishers, printers and sellers, booksellers, paper-makers, stationers, etc. Private company. Directors: Major-Genl. Sir Edward M. Perceval, K.C.B., D.S.O., Sir Murland de Grasse Evans, Bt., Sir John P. Newman, Kt., and Fritz Neuman. Registered office: 13, Stratford Place, Oxford Street, W.1.

D. SANDERSON (BOOKBINDERS), LTD.—Capital £1,700 in £1 shares; to acquire the business of printers and bookbinders now carried on at Main Sprit, Weind, Preston, by Daniel Sanderson, Chas. Sanderson, Anne V. Sanderson and James Sanderson, as "Daniel Sanderson." Private company. First directors: Daniel Sanderson, Anne V. Sanderson, Chas. Sanderson and James Sanderson. Registered office: Main Sprit, Weind, Preston.

SALTERS, LTD.—Capital £1,500 in 1,000 ordinary and 250 5 per cent. cumulative

S
P
I
C
E
R
S
LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

participating preference shares of £1 and 5,000 deferred shares of 1s.; to acquire the business of a stationer, printer and paper bag merchant, etc., heretofore carried on at Salisbury Square, Cardiff, by Chas. W. H. Salter, and to carry on the same and the business of box and carton manufacturers, etc. Private company. First directors: Chas. W. H. Salter, Sybil K. Salter and Percival R. Davies. Registered office: 39, Salisbury Square, Cardiff.

MANN, SUMMERS AND CO., LTD.—Capital £4,000 in £1 shares; manufacturers of and dealers in paper and cardboard of all kinds, makers of and dealers in paper bags, cardboard boxes, envelopes, cartons and containers, etc. Private company. First directors: James Summers, James Summers, jr., and John M. Summers. Registered office: 32, Albion Street, Glasgow.

Increases of Capital

ELECTRICAL PRESS, LTD. (newspaper proprietors, etc., 13/16, Fisher Street, Southampton Row, W.C.1).—The nominal capital has been increased by the addition of £10,000 in £1 ordinary shares beyond the registered capital of £35,000.

REGENT PRESS (BOOTLE), LTD. (Irlam Road, Bootle, Lancs).—The nominal capital has been increased by the addition of £1,000 beyond the registered capital of £2,000. The additional capital is divided into 1,000 preference shares of £1 each. 1,500 fully paid up shares in the original capital have been converted into preference shares.

Mortgages and Charges

ODIHAMS PRESS, LTD.—(a) Particulars have been filed of 5 per cent. mortgage debenture stock to secure £975,000 and a premium of 2½ per cent., authorised November 20th, 1933, and covered by a trust deed dated November 29th, 1933, the whole amount being now issued. (The trust deed provides for the issue of further stock ranking *pari passu* up to an aggregate amount of £1,500,000, upon the company executing and delivering to the trustees a properly stamped deed constituting such further stock a charge upon the property charged by the deed.) Property charged: Properties in London and Manchester, a licence to use and exercise the copyright and goodwill of the "People" newspaper, shares in various companies, and the company's other assets, present and future, including uncalled capital (if any). The trustees are the Hon. G. L. Charteris and W. Slark. (An underwriting commission of 1½ per cent. and an overriding commission of 1 per cent. together with the sum of £5,000, has been paid to Investment Registry, Ltd.) (b) Particulars have been

Comps LTD.

LINOTYPERS
TO THE TRADE

LET US
QUOTE

The extra efficiency we are able to give you, an ever-ready DAY and NIGHT SERVICE, and in cases of urgency, EXPRESS MOTOR DELIVERY, is worth at least something.

And our price, by the time the job is finished, has been proved to be the CHEAPEST in the Trade.

Some of our type faces:

- 14pt. Cheltenham Wide with Cheltenham Bold.
- 12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).
- 12pt. Kennerley and Italic.
- 12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.
- 12pt. Modern with Doric and Italic.
- 11pt. Scotch and Italic.
- 10pt. and 8pt. Cheltenham Wide and Italic.
- 10pt. and 8pt. Book-print and Cloister Bold.
- 10pt. and 8pt. Garamond and Italic.
- 10pt. Modern and Italic.
- 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.
- 9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

15 Kirby Street
Hatton Garden
E.C.1

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

filed of an additional £275,000 like stock, authorised December 11th, 1933, and covered by supplemental trust deed of same date. The whole amount now issued. (An underwriting commission of 1½ per cent. and an overriding commission of 1 per cent. are payable to Investment Registry, Ltd.)

ADAMS BROS. AND SHARDLOW, LTD. (printers, manufacturing stationers, etc.).—Charge on 35 and 37, Millstone Lane, Leicester, dated December 12th, 1933, to secure £4,000. Holder: Mrs. A. Shardlow, "The Lincombes," Knighton Grange Road, Oadby, Leics.

MANSSELL, HUNT, CATTY AND CO., LTD. (manufacturing stationers, etc., Cressy Road, Hampstead, N.W.3).—Satisfaction to the extent of £450 on December 31st, 1932, of first mortgage debentures authorised December 18th, 1929, and registered January 3rd, 1930. Notice filed December 18th, 1933.

AJAX PRESS (TOOTING), LTD. (1, Gatton Road, Tooting).—Particulars filed of £2,000 debentures authorised December 15th, 1933, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £400.

WALLASEY AND WIRRAL NEWSPAPER CO., LTD. (18a, Brighton Street, Wallasey).—Satisfaction to the extent of £250 on December 8th, 1933, of debenture dated February 15th, 1905, and registered March 4th, 1905.

PAN-EUROPEAN PRESS, LTD. (6, Bouverie Street, E.C.).—Mortgage under Land Registration Act on 87, Gatton Road, Upper Tooting, S.W., dated December 11th, 1933, to secure £425. Holders: H. N. Bliss and I. J. Edell, both of King's House, 36, King Street, Cheapside, E.C.

Receivers Appointed or Released

WILLIAM GREEN (PRINTER), LTD. (Queen Street, Farnworth, nr. Bolton).—J. C. Butterfield, accountant, of 15, Mawdsley Street, Bolton, was appointed receiver and manager on December 20th, 1933, under powers contained in first mortgage debenture dated June 28th, 1933.

MOORE AND SCANES, LTD. (printers, stationers, publishers, etc., 1, Gatton Road, Tooting).—W. Howell, of 148, Cheapside, E.C., ceased to act as receiver and manager on December 15th, 1933.

TENDERS

TENDERS to be delivered before noon on Thursday, 11th January, 1934, are invited from firms with works in the London area for PRINTING The Monthly Army List and Half-Yearly Supplement—Group 368.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour **BLOCKS**. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

ETCHING MACHINE (Line-Zincos) (Hunter-Penrose) 21in. by 23½in., Rustless Steel Paddles; perfect Working Order; £58.—Box 16120.

FALCON PLATEN, excellent condition, low price. Can be inspected at 131, Finsbury Pavement, E.C.2. 16121

HARRILD AND SON Royal **WHARFEDALE**, fitted with balanced flyers and geared inkers.—Box 16119.

MANN'S 64in. x 44in. Direct Rotary **LITHO MACHINE**, individual drive, in very good condition.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

OFFERS wanted for **LINOTYPE**, 4 magazines on the machine; latest improvements.—Box 16106.

PHOENIX PLATEN No. 4, nearly new, hardly used. Particulars from 131, Finsbury Pavement, E.C.2. 16122

WHARFEDALE, Double Royal, by Dawson, geared inkers, flyers; cheap machine, thoroughly overhauled.—Box 16110.

WHARFEDALE, Double Royal by Dawson; double drive geared inkers; Ranger delivery; seen running.—Box 16115.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hard-wearing **RISCATYPE**. 15732

WANTED

AGENCY

SOUTH AFRICA.—A well known South African Company with parent house in London, and whose business is chiefly that of wholesale distributors is open to consider further selling and stocking agencies. The Company has its own large and central freehold premises in Cape Town and selling arrangements through its own staff in Johannesburg and Durban. Reply to Agency Box 140, c/o Dawson's Advertising Service, 129, Cannon Street, London, E.C.4. 16086

THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.

PHONE
GERRARD 3664 (4 LINES)
The
WEST END
ENGRAVING
COMPANY LTD
17, ST. ANNE'S CT.
WARDOUR ST. W1

BUSINESS

WANTED.—**SMALL PRINTING OFFICE**. Must be genuine and stand investigation. Replies, in strictest confidence giving full particulars, to Box 16123.

SITUATIONS VACANT

WE want a **FIRST-class COMPOSITOR** for training for special work. Don't reply unless you can pass rigorous tests.—Box 16126.

SITUATIONS WANTED

CAPABLE young, all-round **PROCESS WORKER**, specialise Line-etching, Routing.—3, Seymour Road, St. Albans, Herts.

COMP, display, job., make-up, advts.—9, Evelina Road, Nunhead, S.E. 16125

"D" **OPERATOR**, age 23; L.S.C., 2 years all classes work, also "D.D."—Bennett, 11, Arlington Road, Teddington, Mdx. 16129

GENERAL CUTTER seeks sit.—H.C., 95, Petherton Road, N.5.

MACHINE RULER seeks situation. Experienced in all good general work; used to Double Striker machine.—E. Renshaw, 24, Badsworth Road, Camberwell, S.E.5. 16075

MINDER or **WORKS FOREMAN** seeks post, London. N.S., exp. Col., Mag., Book, Commercial, Carton, Box Printing. Good references, moderate wages.—Box 16071.

PLATEN Minder, experienced General work, several machines.—Simester, 5, Cremorne Road, S.W.10. 16127

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to **SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR** for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

YOUTH, five years' experience single and two-colour Wharfedale machines, seeks change.—E. Croxford, 18, Howard Road, London, N.16. 16124

MISCELLANEOUS

TO PROGRESSIVE PRINTERS: An extensive supply of good work in all branches is open to large firm, with services of efficient and practical representative with own car.—Box 16128.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION FOR SPEEDY RESULTS

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

DATE BLOCKS

"OXFORD"
Series of

DATE BLOCKS
**WIDDOWSON & Co.,
LEICESTER.**

GOLD PRINTING INKS



LAW FOR PRINTERS

An extremely useful book of reference.
Should be in the hands of all Master
Printers

Price 17/6 (Postage Extra)

STONHILL & GILLIS, LTD.
58, SHOE LANE, LONDON, E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

**INFORMATION
SUPPLIED**

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

**Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4**

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678

Telegrams : "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

TRADE

NIXO

MARK

**RUBBER OFFSET BLANKETS
ZINC & ALUMINIUM PLATES**

**EVERYTHING FOR
THE LITHOGRAPHER**

**SPECIALISTS
IN
LITHO
SUPPLIES**

Send us your Enquiries:

W.R. NICHOLSON, LTD

**57-63, SCRUTTON STREET,
FINSBURY, LONDON, E.C.2.**

Telephones: Bishopsgate 4715-6.

Telegrams: "Planograph, Finsquare, London."

Z
119
1386
PROCESS BUY  **BRITISH COPPER**

THE BRITISH AND COLONIAL PRINTER

AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 272

LONDON: January 11, 1934

EVERY THURSDAY
PRICE THREEPENCE

COLOUR IN PRINTING INKS

HIGH-GRADE INKS
FOR EVERY MACHINE
FROM THE ROTARY
TO THE HANDPRESS

LORILLEUX & BOLTON

Eclipse Works

LTD

Ashley Road . Tottenham . London N.17

Tel: Tottenham 3721-3

Grams: Frequentia Phone London

● WOULD YOU LIKE A USEFUL ASSORTMENT OF SPACING MATERIAL?

NO
CASH
OUTLAY

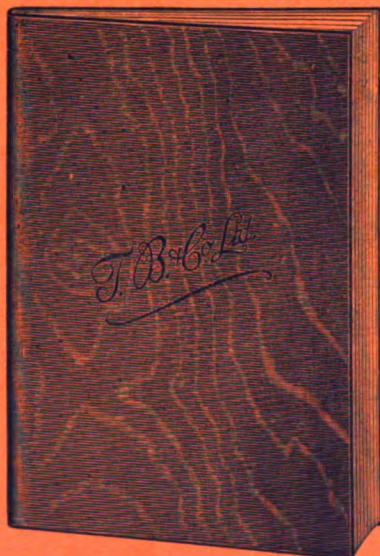
Type, stereotypes, electros, etc., for which you have no further use, can save you money. Send them to us. We will return you a selection of Leads, Quads and Spaces. If it is preferable to you, we will buy your old metal for cash. We offer very good prices.

FRY'S METAL FOUNDRIES LIMITED

Tandem Works, Merton Abbey, London, S.W.19.

Manchester · Bristol · Glasgow · Dublin

ENVELOPES



Better Envelopes for your Customers !

The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines.

Post Free upon application, this is a handy means of reference for all engaged on selecting the right envelope for the right job.

THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 272

LONDON : January 11, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

EVERYTHING that can be done about safety guards for guillotines has now apparently been done, and users of cutting machines have had the matter thoroughly thrashed out for them.

* * *

Guillotines and Guards

QUITE numerous different types of guard have had the approval of the Home Office, and the Printers' Federation officials have gone to a great amount of trouble in studying the problems involved and assessing the relative merits of a host of ideas and propositions—all in the interest of the printer. Every member of the Federation is now in possession of the collated information, a presentation of the detailed facts of the case, with illustrations to help. From now until April, it will be the engineers' turn to reap the benefit of the endeavours they have made to meet the needs of a situation created by the determination of the Home Office to make work safe for the workers. There is another aspect of the guillotine guard matter which should not escape the attention of makers or users, namely that in future, a guillotine should be made and sold as a complete unit inclusive of guard.

* * *

Driving the Printer's Machinery

It would be interesting to have a census of the motive

power used in printing offices, with comparisons of each decade since, say, 1900, in order to observe the amount of progress that has been and is being made toward the final adoption of electricity, self-owned motors, the elimination of shafting, and the policy of the installation of the individual drive. There has, of course, been a very considerable change-over to electricity for driving purposes since the War, and presumably a further impetus should be given by the National Distribution scheme, or will be given when unit costs are more commensurate with the necessities of industry. Economic stress has undoubtedly hindered the progress of the movement in the direction of independent motor drive in the printing

industry. It is to be feared that there is even more leeway to be made up in matters of this kind than in the provision of up-to-date machinery, backward though that is. Unfortunately, printers have brought themselves to the condition where those that have an obsolete plant cannot bring it up to date, while those who have an up-to-date plant cannot make it yield an adequate return. Despite the difficulties of the situation, there is only one way to go in pursuit of efficiency, economy and ultimate success, and that is in the direction which coincides with modern equipment and modern driving methods,

ON OTHER PAGES

	PAGE
Personalia	26
London Monotype Users—	
Cheerful Tone at Annual Meeting ...	28
Printers' Managers and Overseers—	
London Centre's Annual Meeting ...	30
Bookbinders' Overseers Assocn.—	
Address by Mr. A. Williamson ...	32
Manufacture of Printing Ink—	
Prospect of Foreign Competition ...	33
The Roman Alphabet—	
By John C. Tarr	34
S.-W. London Master Printers—	
The Humane Spirit in Business ...	39
New British Patents	40
Stereo Managers and Overseers—	
Annual Meeting	41
Mr. Percy Squire—	
Chairman of Litho Concert	42
Trade Notes	44
Government Contracts	44
Gravure at High Wycombe	44
Calendars, etc., Received	45
Commercial Review	46

each machine a complete self-contained unit.

* * *

Problems for Offset Printers

OFFSET printers may need to get together in defence and maintenance of some of their conditions and customs. There should be no doubt allowed to creep into the question of plate ownership or the preservation of negatives in photo-lithography. Nor, we think, should the specification or separation of paper as an item in the production of a job be

allowed to develop. Recently there has been some attempt at concerted action by the trade plate-makers which might need studying by the offset printers in their own interest. Some time ago, it will be remembered, there was a drastic advance in the price of zinc plates, and now an effort is being made to increase the price of photo-lithography on the plates. The danger is that offset lithography will be handicapped too severely against competitive processes, in which case there will be no gain to anyone concerned with offset.

PERSONALIA

Lt.-Col. Roy F. Truscott is to preside at a festival dinner in aid of the funds of the Royal Hospital and Home for Incurables, Putney, at Grocers' Hall on June 7th.

Mr. W. C. Foster, who has been the representative of the **BRITISH & COLONIAL PRINTER** and its companion journals in Manchester and the North for a great number of years, succeeding his father in that capacity, was entertained to a complimentary dinner on Tuesday at the Midland Hotel, Manchester, the occasion being his 60th birthday.

Mr. J. H. Harrison, of the photo-mechanical department of the Manchester College of Technology, gave an instructive lecture illustrated by lantern slides at a meeting of the Printing Crafts Guild on Saturday. He traced the main developments during the past hundred years in illustration-printing processes.

Mr. H. Daniel Caslon (Messrs. H. W. Caslon and Co., Ltd.) will give a lecture on February 21st, before the Royal Society of Arts, on "Developments in Typefoundry since 1720." The chair is to be taken by Alderman Sir Percy Greenaway, Bt.

Mr. C. C. Knights, F.S.M.A., will lecture, for the sixth year in succession, before the London Central Districts Master Printers' Association next Tuesday. His subject will be "Overcoming Obstacles in

Selling Print," and those who have heard his previous talks will re-visit Stationers' Hall in anticipation of an instructive and entertaining talk.

Mr. T. T. Moss, a director of Messrs. James Beaty, Ltd., manufacturing stationers, Carlisle, has been made a magistrate for Cumberland. Mr. Moss serves on the Finance Committee of the North Western Alliance of Master Printers.

Mr. H. Rumsey, the Mayor of West Ham, is a member of the National Society of Operative Printers and Assistants.

Mr. W. A. Roberts, managing editor of the "North Wales Chronicle" and other papers, has been presented by the staffs with a smoker's cabinet and a rug on his retirement.

Mr. H. J. Thomas, of Dunstable, has just retired, after over fifty-seven years' service with Messrs. Waterlow and Sons. Although over 80 years of age, he has never missed a day's work on account of illness. Mr. V. E. Goodman, on behalf of the firm, presented a wireless set to Mr. Thomas.

Mr. George Dorward (fifty-three years' service), compositor, and Mr. Hugh Fraser (fifty-two years' service), linotype operator, of the staff of the "Northern Chronicle," Inverness, have received presentations on their retirement.



THE FEDERATION OF MASTER PROCESS ENGRAVERS HAS DEVELOPED THE PROCESS BLOCK AND PLACED AT YOUR SERVICE THE POWERFUL SELLING FORCE OF MODERN ILLUSTRATION—USE MORE BLOCKS

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS

Automatic FEEDERS

**made by
Linotype and Machinery
Limited**

under their registered trade mark



**are guaranteed to feed all
classes of paper and thin
board to dead register**

LONDON MONOTYPE USERS

CHEERFUL TONE AT ANNUAL MEETING

The sixteenth annual general meeting of the London and District Monotype Users' Association was held at the Connaught Rooms, London, last Thursday. Prior to the meeting, the members of the Association were, as usual on such occasions, the guests of the Monotype Corporation, with Mr. W. I. Birch, managing director of the Corporation, in the chair.

At the conclusion of luncheon, Mr. G. P. Reveirs, the chairman of the Association, voiced members' thanks for the hospitality of the Corporation.

Responding, Mr. Birch said that it was a great pleasure for them of the Monotype Corporation to meet the members of the Association upon an occasion of that description. He would like to refer to some of the distinguished gentlemen they had with them: Mr. B. Guy Harrison, the president of the British Federation of Master Printers, who was there both in that capacity and also as a large Monotype user; Mr. J. A. Stembridge, the president of the national committee; Col. B. L. Hooper, president of the London Master Printers Association and also a Monotype user; Mr. E. G. Baker, secretary of the London Master Printers Association; and Mr. P. D. Michael, secretary of the Home Counties Master Printers Alliance. The Monotype Corporation hoped that this coming year would be a more favourable one, and that they would make greater profits in 1934 than in 1933.

Mr. G. P. Reveirs then occupied the chair for the annual meeting of the Association.

The executive committee's report was presented by the secretary, Mr. F. H. Bisset.

Improvement in Business

The report stated that, so far as the special interests of London and District were concerned, the past year had been uneventful. As in the previous year, the main pre-occupation of the members had been to endeavour to keep the machines at work at anything like economic prices. It was gratifying, however, to be able to report an all-round improvement in orders and a better feeling as to future prospects. Fifteen firms had been added to the list of members during the year.

The Association's representatives had continued to take an active interest in the matters which had engaged the attention of the national committee.

The special committee set up to deal with the proposed Monotype Costs Booklet had been very active, and proofs of the booklet were in members' hands for discussion. At the annual meetings of the other three district Monotype Users' Associations held recently, the proofs had been discussed, and considerable interest and satisfaction had been evinced. It was anticipated that the booklet in its final form would be issued to the members in a few weeks' time.

After a few references to labour matters, the report added that the financial position of the Association was gratifyingly satisfactory. The subscription income was the highest in the Association's history,

and the year's working showed a balance of £37 12s. 11d. as against a deficit in the previous year of £15 3s.



MR. W. I. BURCH

The adoption of the report was moved from the chair, seconded by Mr. G. Phillips, and carried unanimously.

The statement of accounts was presented by the treasurer, Mr. E. G. Cole, and showed that the financial position of the Association was a most satisfactory one.

Upon the proposition of the chairman, seconded by Mr. H. W. Upton, the statement was adopted.

Officers Elected

The re-election of Mr. G. P. Reveirs as chairman was felicitously proposed by Mr. J. Griffiths, seconded by Mr. J. Adlard, and enthusiastically agreed to.

Mr. Reveirs characteristically returned thanks and said that as long as they wanted him he would do his best.

The re-election of the vice-chairmen—Messrs. H. Basil Cahusac, F. W. Cheyney and A. Spring—was

proposed from the chair, seconded by Mr. C. R. Simnett.

The re-election of the hon. treasurer, Mr. E. G. Cole, and the hon. secretary, Mr. F. H. Bisset, was cordially approved.

The Committee was re-elected with the exception of Mr. R. B. Simnett, who recently retired from business. In his place his son, Mr. C. R. Simnett, was elected. Mr. F. Eaton Hart, in proposing the re-election of the Committee, said it was good that such an honoured name should continue in association with them. The Committee are: Messrs. Ed. Edkins, G. Phillips, R. F. Truscott, L. B. Mackay, C. R. Simnett, and G. Soundy Unwin.

The representatives to the National Committee (Messrs. H. Basil Cahusac, F. W. Cheyney, G. P. Reveirs, and G. Soundy Unwin) were re-elected, as was also the hon. auditor (Mr. W. J. Mizen).

A vote of thanks to the chairman and office-bearers for their fine services during the past year was proposed by Mr. Walter Lewis, seconded by Mr. Chas. Bonner, and heartily carried.

This concluded the official business, and the chairman called upon Mr. B. Guy Harrison, the president of the British Federation of Master Printers. Mr. Harrison thanked Mr. Reveirs for the kind things he had said and the Monotype Corporation for its hospitality. It was a delightful thing to have a lunch of that description, and it was fitting to celebrate the advent of the new year in such festive manner.

There had been a great deal of progress in print, Mr. Harrison continued, during the past few years, particularly in the quality of print, and in that improvement the Monotype Corporation had played a distinguished part. The Monotype Corporation enabled them to use new types instead of using old and frequently worn types as was the old custom. Gutenberg was the first person to start using movable types. In those early days and even until quite recently printing was a much simpler task, since there was only one class of paper and one class of type. The Corporation, added Mr. Harrison, had done a great deal in reviving some of the beautiful types of the old days. In considering present-day print, it was the quality rather than the quantity by which posterity would pass judgment. In that connection he thought the names of Mr. Stanley Morison and Mr. Eric Gill would go down in history.

The meeting concluded with an enlightening general discussion on the new "Monotype Costs" booklet, proofs of which were in members' hands.

THE "Glasgow Evening Citizen" offices are to be reconstructed and extended.

THE South and East African Year Book and Guide for 1934, is, like its predecessors, replete with information concerning the areas covered by its title. Issued for the Union Castle Mail Steamship Co., Ltd., it provides amongst many other things, knowledge suitable for the business man, the immigrant, the tourist and the invalid. An index, covering 36 pages, includes over 2,600 place names, and is practically a gazetteer. There is also included a new atlas by Messrs. Bartholomew and Sons, which, it is claimed, represents the high-water mark of British map-making. The price of the Guide is 2s. 6d. (3s. 3d. post free).



Resolution also means determination and resolutions can display a lack of it.

We were apt to make all sorts—mostly personal—while Paul Robeson broadcast on New Year's Eve.

Now, in mid-January, a resolution to save yourself worry and expense during the year would be a gesture of goodwill to yourself.

For, should you need a complete service of blockmaking, typesetting and foundry work—in collaboration with K & C you would merely need write the order and leave the rest in their hands—passing on much attention to detail to those who are on the spot.

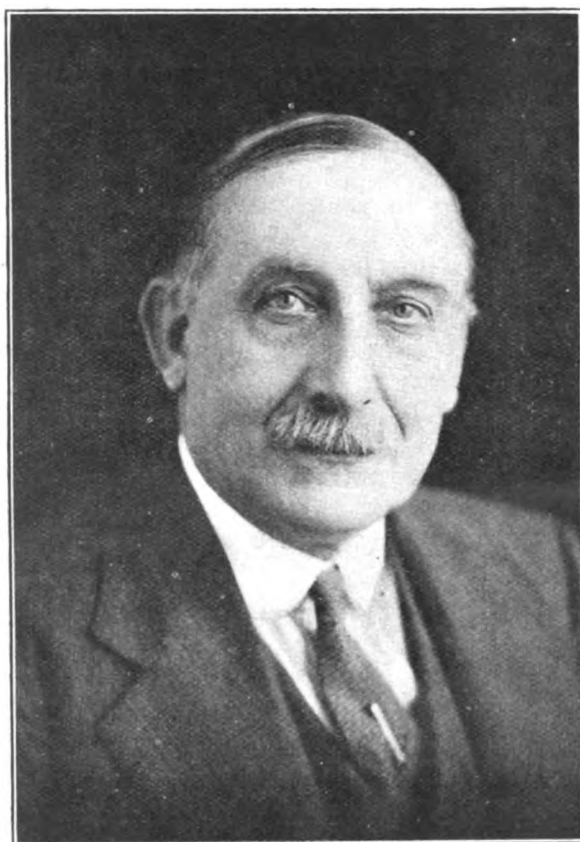
Knighton & Cutts Ltd

Process Engravers, Photographers for Advertisers, Typesetters, Electrotipers & Stereotypers • Denman Place, Piccadilly, London, W.1 • Gerrard 5231 (6 lines)

Printers' Managers and Overseers

London (Parent) Centre's Annual Meeting

The election of officers and the passing of the accounts for the past year provided the chief items on the agenda of the annual general meeting of the London (Parent) Centre of the Printers' Managers and Overseers Association. This was held at the Old Bell,



Mr. M. J. ODELL

The New President

Holborn, on Tuesday of last week, with the retiring president, Mr. R. B. Simpson, in the chair, supported by the vice-president, officers and council.

In the course of preliminary business, Mr. Simpson mentioned letters received from Messrs. Cooper and Pugh, both absent through illness, and from Mr. Gray, who is the victim of a motor accident in which he broke an arm. It was agreed that replies expressing sympathy and good wishes be sent on behalf of the Association.

Four candidates for membership were elected into the Association, namely: Mr. J. G. Nottage, 37, Clifford Road, New Barnet, Herts (overseer letterpress machine room, Messrs. A. White and Co., Ltd., 6, Hill Street, Finsbury, E.C.); H. Limpenny, 43, Warwick Road, Thornton Heath, Surrey (works manager

and manager printing department, The Croydon Advertiser, Ltd., 36, High Street, Croydon); C. E. Burland, 75, Meadow Walk, Ewell Court Estate, Ewell, Surrey (composing room overseer, Sun Engraving Co., Ltd., Drury House, Russell Street, W.C.2); H. E. Weedon, 247, Malden Road, New Malden, Surrey (works manager, Rembrandt Photogravure, Ltd., Drury House, Russell Street, W.C.2).

The first three of these gentlemen were present, and received a personal welcome.

Nominations for all the offices of the Association having been made unanimously at the December meeting, it was now necessary only to make formal election.

Mr. Simpson said there was only one name before them for the presidency, that of their vice-president, Mr. M. J. Odell. He had very much pleasure in declaring him elected to the office of president. Mr. Simpson then, amid applause, invested Mr. Odell with the presidential badge of office, and in doing so referred to the presidency as the highest honour to which any member of the Association could attain. He mentioned the responsibilities attached to the office, reaffirmed his confidence in Mr. Odell, and wished him good luck.

Mr. Odell made appropriate response, returning thanks for the honour conferred upon him and for Mr. Simpson's kind words. He said he realised the responsibilities, and, though his was a busy life, he was quite willing for love of the Association to take on the presidency. When he remembered the co-operation, help, and sometimes the sacrifices which members had given to their presidents in the past, he had no hesitation in accepting the position, hoping that he would have the same support. (Applause.)

Mr. Odell then declared Mr. W. R. Oxbrow, previously unanimously nominated, to be vice-president. Mr. Oxbrow briefly responded, promising his support to the president.

Mr. Odell also declared elected the trustees, Messrs. J. C. Pugh and G. Phillips; also the treasurer, Mr. R. H. Berry. Mr. Phillips and Mr. Berry both responded.

The Balance Sheet

The next election being that of the general secretary, Mr. Odell said that they all in that room, and many of the other Centres also, were looking forward to the meeting of the National Council, at which Mr. Simpson, their general secretary, would become general secretary of the whole Association, without the "*pro tem.*" Mr. Odell added cordial appreciation of the work Mr. Simpson had done in taking over the duties of general secretary under conditions of difficulty.

Mr. Simpson returned thanks for the confidence placed in him, and also referred to most encouraging letters he had received from members, both London

and provincial. During the past two years, he said, the Association had been occupied in putting its house in order; he thought its house *had* now been put in order. In this connection the work of their treasurer was something to be proud of. Proceeding, Mr. Simpson said that, like some of their provincial friends, he was himself looking forward to the first meeting of the National Council, and he hoped they would get, through that body, the co-operation of all the Centres, bringing them all into one big Association. He concluded by calling for the cordial support of every member of the Association.

Mr. W. H. Gill, as financial secretary, and Mr. J. Acton, as hon. technical secretary, were also declared elected, and both suitably responded. The latter intimated that the Association's representatives were doing important work in connection with technical education.

At this point in the proceedings voting papers were distributed for the election of members to the Council (nine vacancies) and National Council (seven vacancies). As tellers Messrs. Shepherd, Sargent, Smith, and Freeman were chosen. The results of the election were announced later, being as follows:—Council—Messrs. Fisher, Cooper, Gallon, Skinner, Jones, Hardie, Reader, Mayer and Gwinnell; National Council—Messrs. Brades, Carne, Walters, W. Wilson, Fisher, Mullins, and Cohen.

Election of Officers

The next business being to receive the balance sheet, Mr. Odell called attention to the presence of their chartered accountant, Mr. Hepburn, and Mr. Hepburn briefly addressed the meeting, stressing the fact that the balance sheet had this year been drawn up on a "cash" basis, instead of on a "commercial" basis. It was thought that, once it had been set going, the new method would be a simpler one.

The several accounts were considered separately, with questions and discussion, and all were passed unanimously. Messrs. Dawson, Simpson, Walters, Jarvis, Odell, Phillips, Berryman, Berry, Freeman, and Hepburn were amongst those participating. A vote of thanks to Mr. Hepburn and his assistant for attending the meeting was passed at the call of the president, and Mr. Hepburn responded.

Mr. Fahey, representing the International Association of Printing House Craftsmen, was given a cordial welcome as a visitor, and he made a brief statement, for which he was thanked by the president. He said that his Association was founded for the purpose of sharing technical knowledge amongst its members, who were foremen, superintendents and managers—the equivalent of managers and overseers in this country. It was thought that co-operation between the two Associations might be helpful, and the exchange of their magazines was suggested.

The Association's annual report, already circulated to members, was taken as read, and was adopted on the proposition of Mr. Carne, seconded by Mr. Gallon.

Mr. Shepherd moved a vote of thanks to the retiring members of the Council for the efficient way in which they had carried out their duties, and Mr. Freeman seconded, brief response being made by Mr. Turner.

The new president then said that it gave him very

great pleasure indeed to present to their friend Simpson the past president's badge of the Association, expressing the hope that it would convey very happy memories of his two years as president of the London Centre. Mr. Odell pinned on the badge amid applause, and Mr. Simpson briefly responded.

The meeting closed with the passing of a cordial vote of thanks to the new president for the way in which he had conducted the business of the evening.

* * *

The New President

There is every prospect that in Mr. M. J. Odell the P.M. & O.A. has elected to its presidency one whose name will be fittingly placed with those of the many able presidents who have preceded him in the conduct of the Association's affairs. Businesslike and forceful, yet genial and tactful, he is well qualified both by personality and experience for the post to which he has now been promoted.

Mr. Odell is a Londoner, having been born in Lambeth, within the sound of the bells of the old Lambeth (Archbishop's Palace) Church. He first entered the realm of print as a reading-boy at Messrs. Gilbert and Rivington's, St. John's Square, Clerkenwell—a firm known for printing in practically all known languages. Subsequently he was apprenticed as a compositor under Mr. Reginald Lake, who in later years became secretary of the London Master Printers Association. During his apprenticeship he went through the whole course of printing classes for compositors, both theoretical and practical, at St. Bride's Institute, under Mr. Robert McAllan, gaining

**A Remarkably Up-to-date
and Complete Reference
Library for Printers**

THE ART AND PRACTICE of PRINTING

Edited by William Atkins

Complete in Six Volumes

This authoritative and comprehensive work covers every branch of printing and allied trades. It forms the most valuable reference library any printer, advertising man or engraver can possess. It has been compiled by experts and is hailed as a standard work. The six volumes comprise the following:
THE COMPOSING DEPARTMENT . LETTERPRESS PRINTING . LITHOGRAPHY . PHOTO-ENGRAVING . ELECTROTYPING AND STEREOTYPING . BOOK BINDING AND RULING . PRINTING OFFICE MANAGEMENT.

Each volume fully illustrated with diagrams and photographs 7/6 net

"Mr. Atkins has done a service to his generation in producing this useful pantechonicon of modern methods appertaining to the printing industry as a whole."—THE NEWSPAPER WORLD.

**Order from a bookseller or direct from
the Publishers**

PITMAN

Parker Street . . . Kingsway . . . London, W.C.2

an honours certificate presented by the City and Guilds of London.

Mr. Odell became a member of the London Society of Compositors during Mr. C. W. Bowerman's secretaryship. For many years he served on the L.S.C. Executive, and represented the Society at conferences with the Master Printers, Kindred Trades Federation (National and London), Typographical Association, etc. He also found time to write "Metropolitan Musings" (by "Londoner") in the "Typographical Association Journal" for many years.

His experience has been varied, and he has worked in many well-known London offices, including the "Star" newspaper. He began his long connection with Messrs. W. H. Smith and Son, Ltd.—then in

Fetter Lane—in February, 1911. In 1919 he was appointed overseer of the composing department by the present general manager, Mr. W. T. Welfare, who carried out the great move from Fetter Lane to Stamford Street in 1916.

His connection with the Printers' Managers and Overseers Association began in the early twenties, and he has quickly risen to the Association's highest post—that of president. He has served on the council, the Rules Revision Committee, and as vice-president, visiting many of the Association's provincial centres.

Mr. Odell enters upon his term of presidency with a strong backing of friendship and goodwill from the membership. We would join in wishing him success in the important service to which he has been called.

Bookbinders' Overseers Association

ADDRESS BY MR. A. WILLIAMSON

The January meeting of the Printing, Bookbinding and Kindred Trades Overseers' Association was held on Tuesday of last week, at St. Bride Institute, Bride Lane, E.C.4, Mr. Peter Paton (the president) being in the chair, supported by Mr. A. C. Ware (vice-president). There was a good attendance of the members, including Messrs. A. E. Walters (treasurer), G. J. Hellery (trustee), F. S. Hayes (hon. technical representative), W. F. Cribb (financial secretary), Robt. Bryan (general secretary), C. H. Gillett, J. Fleming, G. F. Elbra, J. A. Gouldbourne, J. T. Hircock, and C. H. Mordy. After ordinary business of the Association, the members were addressed by Mr. A. Williamson, secretary of the Costing Committee of the British Federation of Master Printers, who dealt with the subject of costing as applied to the warehouse and folding department.

Before calling on the secretary to read the minutes, the chairman took the opportunity of wishing members a prosperous New Year.

The minutes having been confirmed, the secretary submitted several items of correspondence, one of the letters expressing thanks for the Association's donation to the Vellum Binders and Machine Rulers' Pension Society. Another, from Mr. F. W. Welch (Maidstone), sent greetings to the members, and Mr. Welch offered to give them a lecture.

An application for honorary membership, made by Mr. Cyril T. Smith (Messrs. Turner and Co., Ltd.), was warmly approved, the chairman expressing the hope that Mr. Smith would find amongst the members many new friends.

Mr. J. A. Gouldbourne presented the balance-sheet of the Association's annual dance, which was eminently satisfactory. A hearty vote of thanks was accorded to Mr. Gouldbourne for his duties on that occasion, the names of Messrs. Cribb, Bryan and Hilton being also associated with the vote of thanks.

Bindery Costing

Mr. Williamson, who then addressed the meeting, dealt mostly with the application of the Costing

System to the practical side as it affected the binding section of the industry. After alluding to the question of chargeable and non-chargeable hours, Mr. Williamson spoke of the many operations that have to be taken into account in the bindery, exceeding in number those of any other section in the printing industry. Mr. Williamson explained the operations involved by the use of the Batch System—a method that was formulated in 1931—and he expressed himself as being greatly averse to overseers having to make records of any kind. The overseer's job should be that of a production manager.

An interesting discussion followed the address, in which the following took part: Messrs. J. G. Ball, C. H. Gillett, W. H. Lyon, A. I. Peake, G. F. Elbra, Harry Young, and Frank Hayes.

A vote of thanks to Mr. Williamson was proposed by Mr. Harry Young and seconded by Mr. Gillett, both gentlemen remarking on the entertaining and informative nature of the address.

We hope to publish a fuller account of Mr. Williamson's address in our next Bookbinding Issue, on January 18th.

UNITY IS THE WATCHWORD OF PROGRESS

Printing, Bookbinding & Kindred Trades Overseers' Association

A practical Association for practical men

If you occupy a position of control in the Bookbinding, Warehouse, or Boxmaking section of the trade, you are invited to enquire as to the privileges and benefits attaching to membership of this Association. Founded in 1904, and still growing, this society is accepted throughout the Trade as the representative Association for Managers and Overseers.

For particulars, benefits and conditions of membership, apply to:

MR. ROBERT BRYAN
22, Upney Gardens, Barking, Essex

Manufacture of Printing Ink Prospect of Foreign Competition

Mr. Percy Squire, managing director of Messrs. John Kidd and Co., Ltd., who has recently been elected once more president of the Society of British Printing Ink Makers, has been acting with a small trade committee in efforts to induce Parliament to restore printing ink to the regulation which the industry has enjoyed for thirteen years, or failing that to secure a higher rate of duty on imported printing ink than that which applies at present.

The British printing ink industry is passing through an interesting experience at the moment. Since the year 1920, foreign dyes and foreign printing ink (in so far as they contained dyes) have been excluded from importation into Great Britain by the Dyes Imports Regulation Acts of 1920, with this exception: that such printing inks could be imported under licence from the Board of Trade.

In practice it has happened that the formalities in connection with importation when the licences have been sufficiently formidable to bring about a condition under which virtually the whole of the printing inks used in Great Britain are made in this country, and foreign inks have, to all intents and purposes, been excluded in so far as they contained dyes. One important effect of these conditions has been that the industry in this country has progressed considerably, and the amount paid in wages and the production have been almost trebled during the currency of the above-mentioned Act.

The printing ink trade is naturally seriously concerned at the fact that under the new Bill which has just passed through Parliament, printing ink no longer enjoys the protection of the old Act which virtually meant exclusion of foreign imports. No printer can be found who will not say that British printing inks are equal to the best that the world produces, and are comparatively low in price. The ink trade is now fearing that German, American and even Japanese printing inks may be dumped into this country at uneconomic prices, that workpeople may be thrown out of employment, present factories perpetuated instead of being extended, progress arrested, and research discouraged—for no particular purpose. A quite important industry of this country would seem to be imperilled for no reason whatever.

This subject is necessarily of interest to printers, whose own industry has a natural protection shielding it from overseas competition, owing to the very nature of its product. Printers will presumably show no desire that a subsidiary industry necessary to their successful production should be jeopardised by Government intervention that seems to serve no national end.

PUBLISHERS BUSY.—“It is satisfactory to be able to point out,” says the “Publishers’ Circular,” “that 1933 stands second only to 1930 in our publishing annals. So far as can be ascertained, the buying and selling of books have kept pace with their production. More people are reading than ever before.”

Encourage the ‘POSTER STAMP ★ HABIT’



...one of the most popular, least expensive and most effective forms of advertisement.

Suggest that your customers run “Poster Stamp Advertising Campaigns” and print their stamps on

**SAMUEL JONES
NONCURLING
GUMMED PAPER**

Send for free copy of “Poster Stamp Possibilities.”

**Samuel Jones
AND COMPANY LIMITED**

BRIDEWELL PLACE
LONDON, E.C. 4

Tel: Central 6500



THE ROOTS OF THE ROMAN ALPHABET AND THEIR MODERN FRUIT

By **JOHN C. TARR**

(Of Linotype and Machinery, Limited)^o

The origin of the Latin or Roman alphabet is still conjectural. We know that it was derived from the Greeks, who in turn derived it from the Phœnicians. The Phœnicians, who were of Semitic origin, doubtless also derived their letter forms from the Hebrews, from Babylon, Egypt, and Crete, and adapted and simplified the hieroglyphic and ideographic characters which served them as means of commercial and literary intercourse in their colonisation and trading.

Study of early forms indicates that there were four well-marked stages:—

(a) Mnemonic or memory aids, an object being used as a message or for record between people at a distance, or for accrediting a messenger.

(b) Pictorial, in which a picture is made of the thing, which tells its story at a glance. These signs were often used to identify persons or property—e.g. tattoo marks on Indians.

(c) Ideographic, in which the picture becomes representative, that is to say, it is converted into a symbol to represent an idea. The sign does not depict, but suggests objects and ideas.

(d) Phonetic, in which the picture becomes a sound-representing sign. The phonogram may be verbal (a sound-sign for a whole word), syllabic (a sound-sign for a syllable), or alphabetic (a sound-sign for each consonant or vowel).

The Earliest Inscriptions

In Mesopotamia, cuneiform writing on clay tablets and cylinders was used; also on the great monuments of Assyria, Babylonia and other oriental empires of the past. Egyptian writing existed in three forms: the Hieroglyphic which was used for monumental inscriptions, the Hieratic (a conventionalised form of Hieroglyphic) used by the priests for literary works on papyrus, and the Demotic, used by the people generally. These forms derived one from another, although they were used concurrently. The Egyptians had about 400 of these symbols, and appear to have selected about 45 for alphabetic use. These forms had a limited use and this system was so complicated that at one time about 1,700 signs were used in the Hieroglyphic writing.

The next stage in development was to use a single sign to represent the sounds used in naming the thing. The sign did not resemble the thing but stood for the sound. In the next stage it was recognised that the various syllabic sounds were few, and that each syllable could be shown by a separate sign. This led to the formation of an alphabet composed of consonants only.

The link between the Egyptian and our own alphabet has yet to be discovered. Herodotus says that the Phœnicians brought many arts to the Greeks, especially letters, which did not exist among them before. Pliny

also gives the credit of the invention of the alphabet to the Phœnicians, and other writers repeat what must have been an old tradition.

One theory of the genealogy of the Roman alphabet gives the lineage as follows: (1) The Egyptian Hieroglyphic and Hieratic characters; (2) the oldest Phœnician letters from the Baal-Lebanon inscription;

	1	2	3	4	5	6	7	8	9	10
	Egyptian	Phœnician	Greek				Latin			
Throne	𐀀	𐤁	𐤂	𐤃	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉
Hand	𐀁	𐤃	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋
Mazander	𐀂	𐤄	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌
Parallels	𐀃	𐤅	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍
Bowl	𐀄	𐤆	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎
Water	𐀅	𐤇	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏
Chair-back	𐀆	𐤈	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏	𐤐
Angle	𐀇	𐤉	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏	𐤐	𐤑
Mouth	𐀈	𐤊	𐤋	𐤌	𐤍	𐤎	𐤏	𐤐	𐤑	𐤒
Inundated Garden	𐀉	𐤋	𐤌	𐤍	𐤎	𐤏	𐤐	𐤑	𐤒	𐤓
Lasso	𐀊	𐤌	𐤍	𐤎	𐤏	𐤐	𐤑	𐤒	𐤓	𐤔

FIG. 1.—Columns 1 and 2 show the Egyptian Hieroglyphic and Hieratic characters respectively; column 3 shows the oldest Phœnician letters, from the Baal-Lebanon inscription; column 4 is taken from inscriptions at Athens; column 5 shows the lapidary Greek alphabet at the time of the Persian War; column 6 are Greek uncials of about A.D. 400; column 7 shows Greek minuscules; column 8 is the old Italian alphabet; column 9, the lapidary Roman alphabet; and column 10, Roman uncials and minuscules.

(3) letters from inscriptions at Athens; (4) stone-cut Greek letters at the time of the Persian War; (5) Greek uncials about A.D. 400; (6) Greek minuscules; (7) the old Italian alphabet; (8) stone-cut Roman letters; (9) Roman uncials and minuscules.

The Greek alphabet was introduced into Italy about 800 B.C. and adopted by the Romans, whose ultimate domination abolished every other alphabet in the West.

In the early empire, the Romans used two kinds of characters: capital and cursive. These capitals were square-shaped or rustic, and were used for inscriptions and other writing demanding prominence. In their inscriptional form they reached their full development about 2,000 years ago. The inscription on the Trajan column (A.D. 114) represents a beautiful example.

^o In a recent lecture at the Derby School of Arts and Crafts, under the auspices of the Derby Master Printers' Association in conjunction with the Joint Industrial Council.

The Roman alphabet consisted of capitals only; there was no lower-case. The cursive or running hand forms, which were used for ordinary correspondence eventually developed into lower-case forms.

After the seventh century, the development of the letter form becomes international: the Lombardic or Beneventan (of Italy); the Visigothic (of Spain); the Merovingian (of France), and the Anglo-Saxon. During the eighth century (750-800) Charles the Great decided to revise the church-service books, and in this work he was assisted by an Englishman (Alcuin or Albinus Flaccus, of York) who became Abbot of St. Martin at Tours from 796 to 804. A great deal of this writing of church books and classical texts was done at the Abbey of St. Martin. This new form which the scribes evolved from the Merovingian minuscule under the influence of the half-uncial is called the Caroline minuscule. It has a strong Saxon character probably due to the influence of Alcuin. It gradually penetrated the limits of France and superseded other forms.

Gradually the writing changed, becoming narrower and more angular, and by the twelfth century the scribes in Europe were using an elongated, pointed, and rounded letter. From the tenth to the twelfth century this tendency to compress the letters laterally in the interests of space economy, caused curves to give place to angles, resulting in a Gothic form. In the thirteenth to the fifteenth centuries this tendency became more pronounced, and the writing became smaller. In Italy alone was the roundness of the

glutientes.
ir scribae et p
andatar quodd

FIG. 2—The Caroline Minuscule; ninth century.

earlier hands preserved, although even here the letters were affected by a Gothic influence.

In the fifteenth century the literary and artistic movement known as the Renaissance, in its zeal for learning, went to the classical texts which were written in the Caroline hand. The scribes in copying these books also copied the style of writing. This led to a revival in beautiful writing, and the revised Caroline hand (or neo-Caroline) was enthusiastically received. The scribes who revived this writing called the black letter Gothic (or barbarous). This letter had two forms, upright and sloping, which are the originals of our roman and italic types.

Earliest Printing Types

When printing was invented there were two kinds of letter forms in use: Gothic and humanistic. The

first printers copied the current black letter which, in spite of the Italian scribes, was still used in Northern Europe, and Gothic types continued in use almost exclusively from 1450 to 1469 and are still used in Germany to-day.

At the sack of Mainz (1462) many German printers were dispersed, and travelled south to Italy where they could be sure of employment by the church. When they arrived in Italy they found that the Italians preferred the humanistic form of letter and gradually the Gothic form began to change. At first there is a compromise, as we see in the work of Sweynheim and Pannartz (1465). Later at Venice, a pure roman was used by the brothers John and Wendelin of Spire (1469). This letter was immediately improved by Nicolas Jenson, who designed his now famous letter in 1470. This letter has been used for many famous revivals including William Morris' Golden type, the Doves Press type, Bruce Rogers' Centaur, and Lino-type Venezia. In Jenson's letter there is no contrast between the main and thin strokes in the capital letters, and this gives them a rather disagreeable heaviness. It has the tilted stroke to the l.c., by which it may be identified, and shows distinctly its calligraphic origin.

Twenty-five years passed before any other letter appeared which rivalled Jenson's. Aldus Manutius founded his press in Venice in 1495, and his work was destined to give us some of the most important contributions to the development of the printing type. He cut the types on which all our old faces are based, and evolved the form which was subsequently developed by the French printers. He also was the first printer to use italic.

In 1518 Tory began printing, and one of his co-workers was Claude Garamond, who with Tory cut the first of those famous sixteenth-century old-face types. In 1539 a royal decree made typefounding a separate industry, and Garamond became the first trade typefounder. Garamond's types by the middle of the sixteenth century had displaced the Venetian design which was originated by the Da Spira brothers and Jenson. In fact, the advent of the types of Aldus, which were the first old faces, virtually superseded the Venetian designs. Robert Granjon, Van Dijk, and Plantin followed the designs of Garamond, and were followed by John Day in England.

In the following years there was little progress in type design in England, because of the decrees of the Court of Star Chamber. Most English types came from Holland, including the Fell types given to the O.U.P. by Bishop Fell in 1660. Thomas Jones of Sheffield (1710) cast types from Dutch matrices, and his foundry was the most important until Caslon began to work.

The Modern Face

But the important contribution to type design in the early eighteenth century was the Modern design. In 1692 Philippe Grandjean cut types for the Royal Printing House of France which he called "the roman of King Louis XIV." This type shows a new form of serif which is flat and not oblique. This innovation was a complete break with tradition. The design, being preserved by legislation, was never put on public sale and was consequently never imported to England. Through Louis Luce and Fournier it influenced Bodoni of Italy, who took the design a step farther and led the way for those extremes on the Modern design

which are a feature of Didot's types. What is far more important, it was the origin of a fashion in France, and from it grew a tradition which is still alive in France to-day where they have never since returned to the Old Face tradition.

In England at the beginning of the eighteenth century, typefounding was at its worst. Caslon revived typefounding by the advent of his Old Face, which surpassed every existing design and still holds a large measure of popularity. It was of course founded on Dutch designs although it is not superior to either the best contemporary Amsterdam types, to Garamond, or to those of Aldus.

Caslon, however, did not reap a very rich harvest. His designs were flooded out by the influence of Conti-

Peculiarly enough, this chance was killed by M. and R. themselves when they brought out a revived Old Style in 1852 which helped considerably to lead the reaction against the Modern design. The Old Style design is similar to Caslon's and other O.F. designs.

Typographic Style

In art or craft, the formulation of the principle of fitness narrows itself into conventions that may be recognised as styles. Style is perhaps the influence of a period, race, nation, or group of individuals on the form of their craft. Style is also to a large extent determined by the materials used. The design of printing types themselves has given different connotations which are those used by the school of printers who

*io in alcuna coffa haueffe p ignoratia
o perinaduertentia manchato tráffor-
mato:ouer incompositamente,pferto
ueramente rechiedo perdono sempre
fopponendoui ad ogni spirituale &
temporale correctione de qualunque*

Nico's Jenson, 1471.

The roman of Nicolas Jenson, who began to print at Venice in 1470, is the source of this type face. This famous printer, who during his career printed about 150 books, is justly famous for his typography. The Latin classics and

Linotype Venezia.

This face which has been called "the first and immeasurably the best" of the Garamond revivals is a true Garamond, and has been named "Granjon" by way of a compliment to the great French printer and type-designer of the sixteenth cen-

Linotype Granjon Old Face.

The Scotch face was introduced about 1837, and is one of the many Modern designs, the main change being in the rounding of the serifs inside. It was in all probability originally cut by the firm of Alexander Wilson & Son, Glasgow.

Linotype Scotch.

Fig. 3. Steps in the Evolution of Letter Forms

mental types of Modern design. Although Baskerville designed types more or less copied from Caslon which were neat, well-designed, admirably round and legible and which had only a slight Modern influence, his work was likewise ousted by the onrush of the Modern design. His face is open and expressive, better than the wiry Caslon.

Bodoni of Parma, Italy, was strongly influenced by Fournier, and cut Modern designs. The Modern design owed its popularity to its elegance and brilliance. The first Moderns were used by William Bulmer, who used a close-set narrowed letter with fine hair-lines. These designs eventually degraded into grotesque forms similarly to Poster Bodoni, until Caslon's face was revived in 1844 by Whittingham.

Two interesting Modern faces need to be briefly mentioned. Bell, which was recently discovered by Mr. Stanley Morison to be the first English Modern design, has an agreeable roundness of form but with less colour and more sharpness of serif than Baskerville, with which it has much in common. Scotch was introduced about 1808 by Miller and Richard, and might have become the Scottish national type face.


originally designed them. The recognition of these styles will help the printer to avoid incongruity. He will at the same time avoid the violation of accepted canons. An invitation to an Exhibition of Modernist Pictures should not be composed in Old English, nor should Bodoni be mixed with flower borders, nor sanserif types be used with a fifteenth century wood-cut border.

Type Faces for Advertising

The reading and printing conditions of different kinds of advertising vary considerably; hence the choice of type face will also be different. Large newspaper display is a comparatively modern innovation. So is direct mail. Each is evolving its own style, with reference to its physical needs both of printing and of kind of reader. These needs have created problems which the typefounder and his customer cannot economically solve. For example, a generation ago there was no demand for a Linotype of such a vast range that it could provide all the materials used in a printing office to-day. That need has now been created, and the All-Purpose Linotype has been created to fill that need—casting type from 5 to 144-


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.**
Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow.
Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS.
'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "LIGHT'S EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.


JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLITT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS


 **NICKELOID ELECTROTYPING CO., LTD.** Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1, Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: City 4943 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

point, and in addition casting rules and borders, decorative material, spacing and cut-mounting material, and furniture on slugs up to and including 72-point body and 42 ems in length.

Much space is misused in advertising to-day. Sales are lost through lack of effective display, particularly in the provinces where the specialist in the agency is not yet planning the work. You have to face to-day a special problem. For some years the printing industry has been deploring its increasing subjection to the dictates of advertising agencies and specialists. Many of these specialists have come from the printing personnel of the country and have left gaps which are not adequately filled. This condition of affairs is also tending to make the compositor a mere technician, as the printer cannot always afford to employ a capable designer.

Need for Technical Education

What is the remedy? The printer must be organised to design effectively, on the spot, every job which comes into his office. Every single apprentice—and journeyman, too, if necessary—must be trained not only how to do a job, but to know *why* it should be done that way. There must be some responsibility given him, some realisation of its ultimate use, the principles involved, and an opportunity given him to beat the other fellow at it.

The technical school is the only ground for this essentially experimental and cultural work; it should be a printing laboratory and research department where the apprentice may freely experiment and think out the essential problems of design and function himself. If his activities are thus engrossed, his mind trained to be alert to the possibilities of every aspect of his craft, if he is permitted to collaborate in creating, there will in a short time be little need for the specialist and free-lance outsider who sends up the cost of the final job.

Modernist Typography

With regard to modernistic, functionalist, or constructionist typography, many of you, who have seen

illegible type faces tricked up in fantastic forms, may have conceived a prejudice against what has been called Modernism. Unfortunately this is merely concomitant of the groping of new ways. These absurdities cannot all be blamed on the modernist. The chief note of the new style will, I think, be found in its simplification of elements rather than in its elaboration of them. Some of these ideas of course hit the traditionalist hard; but advertising constantly needs the influx of new ideas.

We notice generally the use of an asymmetric rather than a symmetric form. The objection to the symmetrical or static is that it is too restful. It may give dignity to a bank advert.—or a tombstone. But the advertisement should enliven and attract the reader, induce not restfulness but action; similarly a dynamic design, even in a heading, will give an impression of activity and alertness.

Fitness for Purpose

This does not mean that printed matter should be bizarre; every design must be governed by reason, common sense, and fitness. The only purpose of typography is to deliver a message plainly, comfortably, and effectively. No purpose is served by cluttering up all the area with useless (because inexpressive) detail; printing of this kind merely suggests muddy thinking. No typography, however bright and jolly, serves its purpose if it hinders the perfect comprehension of the message.

So we return to our theme. The letter form is a convention for the communication of thought. Printing is a method of performing that function more quickly. It is not a fine art, but a noble craft; it has to conserve thought, and it is we whose job it is to enshrine thought in fitting typography.

MR. ROBERT JACKSON, of Consett, Durham, proprietor of the "Consett Guardian," the "Blaydon Courier," and the "Derwent Press" left £29,649 (net personalty £17,801).

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTOTONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.



CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

S.-W. LONDON MASTER PRINTERS

THE HUMANE SPIRIT IN BUSINESS

The first L.M.P.A. meeting of the year was held on Tuesday of last week, this being the monthly meeting of the South-West L.M.P.A., at Arding and Hobbs, Clapham Junction. The speaker for the evening was



MR. G. RANGECROFT

the Association's president, Mr. G. Rangecroft, who was in the chair. Supporting him were Mr. C. Errington, president S.-E., Mr. F. W. Soule, president N., and Mr. Fred. Chivers, local secretary. Mr. W. J. Boyle, Central Districts secretary, and Mr. E. G. Baker, L.M.P.A. secretary, were also present.

Before the minutes of the previous meeting were passed, Mr. F. E. Tacey and Mr. Baker, in response to Mr. A. Spring, referred to the subject of guillotine guards, and drew attention to the decreasing period of grace in which to instal them.

Mr. Rangecroft intimated that Mr. H. A. Robertson, their assistant secretary, had been seriously injured by a fall he had early in December. The president was pleased to say that he was now on the road to recovery.

His proposal to send a letter of sympathy was cordially endorsed by the members.

Before giving his address the president tendered to all present the compliments of the season and expressed the hope that 1934 would be a prosperous year for the printing industry.

Mr. Rangecroft took as his title the Latin phrase, "*Non Mihi, Non Tibi, Sed Nobis*" (Not mine, not thine, but ours). For the most part it was an amusing talk, though at times caustic, and towards the end, as the speaker became more serious, he touched on the difficult question of how far the humane spirit could be expressed in business. Mr. Rangecroft referred to the dignity in which the craft had been robed in earlier days, and asked whether most of the printing to-day was worthy of that tradition. He mentioned the ease with which a so-called printing business could be opened to-day; the greed displayed by certain manufacturers of cards, paper, etc.; and the ignorance of so-called lay-out men and advertising agents. He suggested that members of the Federation could endeavour to stamp out some of the things he had mentioned. He concluded by urging them to be faithful to themselves, to their brother members, and to the trade as a whole during 1934.

Many of those present entered into the subsequent discussion, and agreed, or agreed to disagree, with the speaker, while others pointed out with regard to office printing machines that they could not turn out the standard of work required, and that eventually the work returned to the legitimate printer. Trade relations were also discussed. It was evident that Mr. Rangecroft is a man who endeavours to practise what he preaches, and if more people followed his example, business in general would be a better thing than it is. Those taking part in the discussion were Messrs. Tacey, Quinn, Boyle, Baker, Spring and Errington.

Mr. Chivers proposed a vote of thanks which was heartily accorded.

Printing Machinery for Egypt

The Commercial Secretary to the Residency, Egypt, reports that the Ministry of Finance are calling for tenders, to be presented in Giza by January 27th, 1934, for the supply of apparatus for the improvement of printing at a Photo Copy Office, the requirements comprising a paper coating machine, paper dusting machine, and continuous electric photo-printer. Further details have been communicated by the Department to firms whose names are entered on its "Special Register."

Firms desirous of offering plant of United Kingdom manufacture can obtain the further details of this call for tenders, together with particulars of the "Special Register" service of information, upon application to the Department of Overseas Trade, 35, Old Queen Street, London, S.W.1. Reference number A.Y. 12125 should be quoted.

NEW BRITISH PATENTS

The Group Abridgments can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2, either sheet by sheet as issued on payment of a subscription of 5s. per group volume, or in bound volumes price 2s. each, and the full specifications can be obtained from the same address, price 1s. each.

Applications

- Armelin, E. R., Brightwell, H. E., and Plaskett, A. F. G. Printing machines. 33,631.
 British Thomson Houston Co., Ltd. Printing presses, etc. 33,897.
 Friedmann, W. Paper bag. 33,646.
 Hare and Son, Ltd., C. H., and Browning, W. H. Binder posts for paper sheets. 34,017.
 Hern, A. C., and Raine, G. Loose-leaf books, etc. 33,609.
 Hoe and Co., Ltd., R. Inking mechanism for printing machines. 33,684.
 Hughes, W. A., and Losier, M. L. Reproducing a picture on surface of printing plate. 33,676; 33,677.
 Impey, F. L. Paper feed mechanism for printing machines. 33,654.
 Jacob, White and Co., Ltd., Dorton, E. W., and White, A. D. Machine for closing and sealing cardboard boxes, etc. 33,831.
 Kunzle, C. Cartons for sweetmeats, etc. 33,763.
 Landon, J. W. Valved paper sacks, etc., for powdered, etc., materials. 33,585.
 Schnellpressenfabrik Akt.-Ges. Heidelberg. Means for automatically feeding and delivering sheets in platen, etc., presses. 34,286.
 Suckling, C., and Suckling, R. H. Ticket printing and issuing machines. 34,156.
 Waite and Saville, Ltd. Sheet feeding mechanism for printing machines. 33,545.
 Watson, J. H., Watson, Ltd., R. and W., and Anderson, H. E. Paper webs, tapes, etc. 34,268.
 Whyte, F. Sheet-feeding mechanism for printing machines. 33,545.
 Zimmer's Erben Akt.-Ges., F. Suction filter for printing inks. 33,930.

Specifications Published

1932

- Andrews, E. S. (Gibson Patent Containers, Ltd.). Paperboard boxes and similar containers. 402,436.
 Ivory, A. E., and Straine, H. B. K. Printing machines. 402,477.
 Robinson, L. T. A. Printing cylinders. 402,465.
 Ruthven, J. H. Inking rollers for printing machines. 402,542.
 Triggs, W. W. (Wood Newspaper Machinery Corporation). Web-renewing mechanism for printing presses. 402,447.

1933

- Mills, C. K. (Cross Paper Feeder Co.). Sheet feeding machine. 402,695.

Complete Specifications Open to Public Inspection Before Acceptance 1933

Fuld and Co. Telephon-und Telegraphenwerke Akt.-Ges. H. Type printing and setting machines. 15,642; 32,820.

MESSRS. SANDER AND KNOTT, LTD.—With regard to the recently-formed new company, Sander and Knott, Ltd., which has acquired the business carried on at 8, Sun Street, Bishopsgate, E.C. (as recorded in our issue of November 30th last), we are asked to state that whilst the memorandum and articles of association of this company mention a large number of businesses as amongst the company's objects, the only businesses now carried on by the company are those of "manufacturers, merchants or agents, cardboard and strawboard manufacturers, glue and gold and metal leaf manufacturers." The capital of the company has now been increased from £100 to £5,100.

LEIPZIG SPRING FAIR.—There are indications at this stage, three months prior to the opening of the Leipzig International Spring Fair, that there will be an attendance of over 20,000 which compares very favourably with the figures for last year.

Monotyping Service LIMITED

The Trade Monotype Setters who will add prestige to your House

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light and Italic)

GLOUCESTER

(bold, light and italic)

GOTHIC, LINING
(eight sizes)

GOUDY

(bold and italic)

PASTONCHI

POLIPHILUS

PLANTIN
(light and 110)

IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

Stereo Managers and Overseers

Mr. J. Black Re-elected President at Annual Meeting

At the annual meeting of the Electrotypers and Stereotypers' Managers and Overseers Association, held on Thursday last at St. Bride Institute, Bride Lane, E.C.4, Mr. J. Black (president) presided, supported by Messrs. A. H. Howell, A. Chadwell, W. Bullett (secretary), and a good attendance of the members.

After the confirmation of the minutes, the meeting proceeded to the election of officers for the ensuing year.

The first office to be filled being that of president, Mr. Chadwell, in proposing the re-election of Mr. J. Black, said that gentleman had served the Association excellently during his year of office; he added that he was sure every member would be delighted if Mr. Black would stand for a second year.

Mr. Black, who expressed himself as being strongly in favour of the presidential chair being occupied more generally amongst the members, was loath to take office for a second year. However, in face of the overwhelming opinion that he should, he at length consented to do so.

The proposition was seconded by Mr. A. H. Howell and carried, Mr. Black's consenting to stand again meeting with much applause.

Mr. Black, in acknowledging, said he wished to thank all the officers and council for the support they

had given him. They had made his task an easy one. To the members also he expressed thanks for their loyalty, and hoped for the same consideration in the future.

Mr. A. H. Howell was re-elected vice-president, on the proposition of Mr. Black, seconded by Mr. Harry Fulcher.

Mr. H. E. Evans was unanimously re-elected treasurer, and Mr. W. Bullett to the post of general secretary.

Other offices filled were: Messrs. H. Fulcher, A. H. Howell (trustees); A. Elam, J. Craske, B. W. Wood, Bernard Titchener, A. J. Greenaway, W. M. Forsyth, S. C. Atkins and Fred. Chadwell (council); L. R. Graves (auditor).

It was agreed to ask Mr. Harry Fulcher to preside at the next members' informal dinner in March, and for the annual festival dinner in November. Messrs. A. Chadwell, S. C. Atkins, Bernard Titchener and B. W. Wood were chosen stewards.

Mr. J. Gildersleve (Messrs. Noakes Bros.) was elected to membership on the proposition of Mr. S. C. Atkins, seconded by Mr. B. W. Wood.

A recommendation by the council that each newly-elected president be expected to give an address on the meeting night following the annual meeting was considered, and a proposition that it be inserted in the rules was defeated.

"PIMPERNEL" SCARLET

THE SECRET
OF ITS REPUTATION IS
TO BE FOUND IN EVERY TIN

Price per lb.

L'PRESS	3/6	PROCESS	4/6
LITHO	5/-	OFFSET	5/6

Made by

**SHACKELL,
EDWARDS & CO.,
LTD.**

LONDON, E.C.4

Master Printers' Year Book

"The Master Printers Annual and Typographical Year Book" for 1934 has just been published, edited again by Mr. R. A. Austen-Leigh. The publishers are Spottiswoode, Ballantyne and Co., Ltd.

The frontispiece reproduces a fine portrait of the Federation's president, Mr. B. Guy Harrison. Thoroughly revised and brought up to date, the book contains also some additional information, namely, the model group constitution of the Young Master Printers, while the index of towns represented in the Alliances now contains the particular grade to which each town mentioned in the national agreements with the Typographical Association belongs. It offers a mine of useful information to every printer.

The features include full information of the Joint Industrial Council and the Federation; particulars of all alliances and district associations, including lists of members; and that very useful section which prints the agreements that have been made with the various unions, together with interpretations of the agreements; there is a considerable international section; a directory of kindred associations and trade unions; a useful legal summary; various miscellany; and a "Who's Who."

The usual red cloth cover has been adhered to, and the book is, as usual, admirably printed and produced. The price is 12s. 6d. (per post 13s. 6d.).

MR. PERCY SQUIRE

Chairman of Next Lithographers' Concert

When Mr. Percy Squire was approached by Mr. C. W. Sperring, president of the Lithographers' Auxiliary to the Printers' Pension Corporation, to preside at the Auxiliary concert on January 22nd, at Cannon Street Hotel, he was somewhat reluctant to do so. Mr. Squire felt loath, we gather, to appeal to supply houses and to printers to contribute. Realising, however, that the appeal to which he was asked to



MR. PERCY SQUIRE

apply his enthusiasm is such a deserving charity, he was finally driven to the decision to do his best. Under these circumstances, Mr. Squire is hoping that all connected with the printing industry who realise the hardships associated with declining years or failing health will generously respond to his appeal.

Mr. Squire, who is the managing director of the well-known printing ink firm of John Kidd and Co., Ltd., has been responsible for this concern's operations for something like forty-four years. He was educated at Latymer's Foundation Grammar School, at Edmonton, and afterwards took a course of analytical chemistry at the laboratories of King's College University.

After two years' valuable experience in Adelaide as the representative of a large London firm of merchant shippers, Mr. Squire returned to England in 1890 to take up the position he now occupies with Messrs. Kidd. With Mr. Squire's intimate knowledge of overseas markets—acquired largely from personal acquaintance—this well-known house has been led to cultivate business connections in every part of the world.

Mr. Squire has been a pioneer in founding associations and societies whose object has been the forward-

ing of various interests. He was the founder of the Society of British Printing Ink Makers. In 1921 the printing ink industry for the first time became associated with a trade union, and Mr. Squire, with Mr. George A. Isaacs (general secretary of Natsopa), was instrumental in drawing up a mutually satisfactory agreement regarding wages and working conditions in that branch of the industry. His enthusiasm was also successfully directed towards securing that coloured printing inks should be included in the Dye Imports Regulation Act of 1920. In addition to his other activities, he was the first chairman of the Printing Ink and Roller Joint Industrial Council.

For over thirty years Mr. Squire has been a member of the St. Bride Foundation Institute, and he was for twenty-five years chairman of the governing body. It may be stated here that Mr. Squire has exercised every effort to banish from the industry all kinds of unfair competition.

His connections outside the industry include the chairmanship for some twenty years of the Poplar Municipal Alliance, and in Croydon he is the representative appointed by the Archbishop of Canterbury on the Whitgift Foundation. He is vice-chairman of the Local Education Committee, and runs as hon. secretary a District Nursing Service associated with the Queen's Institute of Nursing, whilst he is a member of the Parish Church Parochial Council, and has served on the Diocesan Conference at Canterbury. He is a member of several Masonic Lodges, and at present holds the office of Past Provincial Senior Deacon for the Province of Surrey.

Burnham Memorial Pensions

Lord Riddell, chairman of the council of the Newspaper Proprietors' Association, at the offices of the association in Bouverie Street on Wednesday of last week, handed over cheques for £4,200 representing the Memorial Fund to the late Lord Burnham. The cheques were received by Mr. George E. Beer (chairman of the council of the Newspaper Press Fund), Mr. W. A. Clowes (Printers' Pension Corporation), and Mr. E. C. Scott (Newsvendors' Benevolent Institution).

The Fund has been allocated as follows: Newspaper Press Fund, £3,000; Printers' Pension Corporation, £600; Newsvendors' Benevolent Institution, £600.

Lord Riddell, in handing over the cheques, said that the £4,200 had been subscribed by newspaper and periodical proprietors, men and women journalists, trade unions, politicians, and private friends. Funds would be provided to establish Burnham Pensions for needy journalists, printers, and newsagents, which would keep alive for all time the memory of a great public servant, a great journalist, and a much-loved friend.

The Winter Number of **PAPER & PRINT**

is Now on Sale

Rich in illustration, colour and helpful reading matter, this is another striking production.

The many features include :

Printing Specimens Reviewed	...	H. A. Maddox
Choice of Papers and Inks	...	R. B. Fishenden, M.Sc.Tech.
Pitfalls for Paper Users	...	Edw. A. Dawe
Poster and Showcard Design and Printing	...	Alfred Bastien
Lithography in Present-Day Sweden	...	Joseph Goodman, F.R.P.S.
Half-tone Blocks & Paper Surfaces	...	A. Grout & W. E. Barnard
Carton Making and Printing	...	E. Gurd
A Warning to Carton Makers	...	P. J. Stevens
Guide to Present-Day Types	...	A. F. Johnson
Review of Successful Layouts	...	W. E. Trimble
Safety Guards for Guillotines, etc.		

Technical queries are answered, and new machinery and supplies reviewed. Numerous fine insets exemplify papers, boards, inks and printing processes.

If you are not already a subscriber it is advisable to order NOW. **PAPER & PRINT** is always sold out soon after publication, despite increased printing order. The cost is **FIVE SHILLINGS** per annum, or if ordered through your newsagent One Shilling per copy.

STONHILL & GILLIS LTD

58 SHOE LANE • LONDON, E.C.4.

TRADE NOTES

A RECEIVING order under the Bankruptcy Acts has been made in respect of J. Neary, residing at 178, Hill Lane, Blackley, Manchester, and carrying on business under the style of M. Flanagan, at 2, Bancroft Place, King Street West, Manchester, master printer.

MESSRS. MACLURE, MACDONALD AND Co., the old-established Glasgow firm of colour and letterpress printers, have disposed of their business to Messrs. Carter and Pratt, Ltd., the well-known printers, who are running the business in conjunction with their own but separately under the old trade name of MacLure, MacDonald and Co.

MESSRS. MILLAR AND LANG, LTD., art publishers, of Glasgow, announce that they have completed negotiations for the incorporation of the business of the "Philco" Publishing Company at 4 and 5, Holborn Place, London, W.C.1, as from January 1st.

MESSRS. MILLS AND ROCKLEYS, the Nottingham poster advertisers, announce annual profit of £43,939 (against £38,688). Dividend is 10 per cent.

FINANCIAL TIMES, LTD., announces that no preference dividend will be paid for past half-year (paid to June 30th, 1931). Directors propose shortly to submit scheme for rearrangement of financial structure of company.

THE "Week-End Review," edited by Mr. Gerald Barry, is this week amalgamated with the "New Statesman and Nation." Mr. Barry becomes a member of the board of the combined paper, and Mr. Kingsley Martin retains the editorship.

THE "Burnley News" has been merged into the "Burnley Express," and the paper will henceforth be known as the "Burnley Express and News."

FIRE destroyed the first storey of Messrs. Usher's printing works in St. Peter Port, Guernsey, last week. Prompt work by the fire brigade saved the three storeys above.

WE regret to learn, as we go to press, of the death of Mr. Percy Royle, chairman and managing director of Messrs. W. R. Royle and Son, printers, of Ludgate Square, London. Mr. Royle, who had been with the firm for 44 years was 59 years of age. He passed away on Monday, suddenly, from heart failure, after a very short illness. The funeral takes place at 2 p.m. to-morrow (Friday), at Christ Church, Southgate, N.14.

THE printing industry in East Anglia has lost a well-known figure by the death of Mr. A. T. Springall, who had been connected with the firm of Fletcher and Son, Ltd., Castle Works, Norwich, for over forty-eight years, and was a colleague on the Board with Lt.-Col. H. Rivers Fletcher, T.D., O.B.E.

AT the funeral last week of Mr. Frank Heffer, of Heffer and Sons, Ltd., the Cambridge printers, the attendance and floral tributes testified to the esteem in which the deceased was held by a wide circle of friends and acquaintances, master printers and others. Mr. Heffer was a past president of the East Anglian Alliance of Master Printers.

"ADHESIVES" is the title of the next Stationers' Hall lecture, which will be given on Friday, January 19th, by Mr. James Taylor, B.Sc. The lecture will be of special interest to bookbinders, showcard mounters and boxmakers, and will deal with animal, hide, bone, fish, casein, blood albumin and prepared glues, and other adhesives. Mr. E. B. Judd, director, Nevett, Ltd., will preside.

Government Contracts

Contracts with the following firms were placed during November:—

Stationery Office

PRINTING, RULING AND BINDING, ETC.: Group 362 (1933) The Midwives Roll: Burgess and Son, Abingdon-on-Thames. Group 364 (1933) The Mercantile Navy List and Signal Letters of British Ships: C. Tinling and Co., Ltd., Prescott. Group 365 (1933) The Post Office Magazine: Eyre and Spottiswoode, Ltd., London, E.C. 1,000,000 Folders (G.P.O.): Fosh and Cross, Ltd., London, E. 50,000 "Syllabus of Physical Training for Schools, 1933": Garden City Press, Ltd., Letchworth. 65,000 Pads Naval Message Forms S. 1320c.: Love and Malcomson, Ltd., Redhill. 10,000 Loose Leaf Binders for "Technical Instructions": Waterlow and Sons, Ltd., London, E.C. 1,000,000 Booklets "Driving Licence": Waterlow and Sons, Ltd., Dunstable.

PAPER: J. Brown and Co., Ltd., Penicuik; Imperial Paper Mills, Ltd., Gravesend; London Paper Mills Co., Ltd., Dartford; Portals, Ltd., Whitechurch, Hants; Wiggins, Teape and A. Pirie (Sales), Ltd., Chorley, Lancs.

Gravure at High Wycombe

The production of the new British postage stamps by the photogravure process commences this year under the ten-year contract secured by Messrs. Harrison and Sons, Ltd. The first of the new machines required for the purpose has just been erected in the firm's new factory at High Wycombe, Bucks. This factory, acquired for the general development of their business, is fitted with the most up-to-date equipment, and possesses an elaborate system of ventilation which enables the temperature and humidity of the atmosphere in the building to be scientifically controlled.

Printers' League Football

The results of matches played on Saturday (6th) were:—

Waterlows	3 v. Cornwall Press	4
Waddingtons	1 v. Bowaters	5
Loxley Bros.	1 v. Oyez	7
Cannon House	1 v. De La Rue	0

CALENDARS, Etc., RECEIVED

A WEEKLY tear-off diary-pad sent to their friends by Messrs. Slater and Palmer, Ltd., the printing ink manufacturers, is a very useful desk accessory. Clear spaces are provided for each day's entries; the whole month's dates are added in the corner of each sheet; and the year's calendar together with postal information is provided on the back of the pad.

A VERY neat and useful telephone directory and notes pad, finished in leatherette gold-tooled, is issued by Messrs. H. W. Caslon and Co., Ltd., the type-founders and printers' suppliers, of 82, Chiswell Street, London, E.C.1.

A WELL-PRODUCED vest-pocket diary, leather covered and with Spirax binding, is sent us by Messrs. Harrison and Sons, Ltd. It contains small illustrations of the firm's establishments at St. Martin's Lane, Hayes and High Wycombe, and in respect of the last-named works some particulars are given of photo-gravure printing.

DEMONSTRATIVE of photo-engraving craftsmanship as well as conveying a sense of high-quality production is the handsome calendar of the Groult Engraving Co., Ltd. An uncoloured photograph is strikingly reproduced in two colours.

A NEAT folder from the president and committee of the South-East London Master Printers Association bears seasonal greetings, and also draws attention to the Association's sixth annual dinner and dance to take place at the Florence Restaurant, Rupert Street, W.1. on January 16th, 1934.

AN uncommonly useful calendar is sent by the firm of A. Chris. Fowler, the printers, of North London. Following its usual style, it shows at a glance three months' dates in full. It has been tastefully printed in red and green on a fawn ground.

MESSRS. BAINES AND SCARSBROOK, printers, of Swiss Cottage, London, have produced a weekly tear-off desk pad, the design and printing of which do credit to their workmanship.

MESSRS. J. J. KELIHER AND CO., LTD., the Marshalsea Press, again issue a well-produced wall calendar which is especially useful in that it not only has a daily tear-off pad but at the same time shows all the current month's and the next month's figures at a glance.

MESSRS. AULT AND WILBORG, LTD., makers of inks and rollers, issue a neat weekly tear-off desk diary.

B.I.F. PROGRESS.—There will be fully thirty-two miles of indoor stands alone at the twentieth British Industries Fair to be held at Olympia and the White City, London, and at Castle Bromwich, Birmingham, from February 19th to March 2nd. In 1915, the first Fair consisted of about five miles of stands at the Royal Agricultural Hall, London. Ten thousand copies of the advance overseas edition of the catalogue of the 1934 Fair have just been dispatched to prospective overseas buyers by the Department of Overseas Trade. In size, scope and variety this year's Fair will break all previous records. It will, in fact, be the largest and most comprehensive display of the industrial products of the British Commonwealth of Nations ever brought together in a trade show.

A DELIGHTFUL calendar is that from Messrs. W. S. Cowell, Ltd., printers, of Ipswich and London. A daily pad is attached beneath a flower picture delightfully reproduced in colours.

BLACK book-cloth, gold-tooled, provides an appropriate background for the daily tear-off pad of the calendar issued by the Leighton-Straker Bookbinding Co., Ltd.

MESSRS. MARTIN J. SLATTERY, LTD., of the Ludlow typesetting machine, send us a large wall calendar. Each sheet shows the last, the present and the next months' dates, also a specimen of the Ludlow setting.

A HAND-CUT block of fantastic design gives distinction to the calendar of the Bradley Press, 37, Broad Street, London.

TWELVE child studies admirably reproduced in colour, are the main feature of the calendar of Exide and Drydex Batteries, 137, Victoria Street, London, S.W.1.

A GREETING card in the form of a folder with unusual fold and embodying original humorous verses and sketches is sent us by Messrs. John M. Cooper and Douglas J. Aspland—the former being responsible for illustrations and copy, and the latter for the design and layout.

Lottery Printing Fines

Mr. Bertrand Watson, the Clerkenwell magistrate, had before him last week summonses in connection with the 1933 Christmas Hospital Appeal on behalf of the Manor House Hospital, Golders Green.

Percy Frederick Pollard, whose address was given as the office of the Industrial Orthopaedic Society, Swinton House, Gray's Inn Road, pleaded guilty to publishing a proposal for the sale of tickets in a lottery under the above title, and Herbert Norman Harrison, managing director of Thomas and Sons, printers, of Acton Lane, N.W.10, pleaded guilty to aiding and abetting.

Mr. Melville, for the prosecution, said that this hospital had been indulging in lotteries or sweepstakes for a considerable time. There had been ten convictions against various people, going back to 1923; but it was not suggested that Pollard had been concerned in the previous ones. Harrison was fined £3 at Birmingham in connection with a sweepstake.

Mr. F. George Hails, solicitor for the defence, said Pollard, a salaried official of the hospital, appeared to be under the impression that the lottery was legal if it was confined to the subscribing members of the hospital, of whom there were 80,000 in the southern area alone. Harrison was under a yearly contract to do the printing for the hospital. He was pressed to print the tickets and eventually agreed to do so, but he supplied the tickets at cost price, making no profit on them.

Pollard was fined 20s. and 5 guineas costs. Harrison was fined £5.

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 19s. 4½d., 20s. 1½d., 6½ p.c. pref. 24s. 6d., 24s. 4½d., 8 p.c. pref. 23s. 9d., 23s. 6d.; Amalgamated Press (10s.) 19s. 3d., 7 p.c. pref. 24s., 4½ p.c. deb. 103½; Argus Press Holdings 40s. 6d., 40s. 3d., 7½ p.c. pref. 23s. 7½d.; Associated Newspapers 27s. 7½d., defd. (5s.) 20s. 6d., 21s. 1½d.; British Glues and Chemicals (4s.) 3s. 7½d., 3s. 7½d., 8 p.c. pref. 22s. 1½d., 22s.; Buff Book 23s. 6d.; Country Life 5½ p.c. pref. 17s. 3d.; R. W. Crabtree pref. (10s.) 7s.; Daily Mirror (5s.) 14s. 7½d., 14s. 9d., 8 p.c. pref. 28s. 4½d., 28s. 10½d.; Daily Sketch and Sunday Graphic 5 p.c. gtd. 1st deb. 105½, 105; T. De La Rue 13s. 4½d., 13s. 6d.; J. Dickinson 46s. 7½d., 46s. 9d., 5 p.c. 1st pref. 113, 4½ p.c. 1st deb. 104½; Financial Newspaper Proprietors 6s. 10½d.; Financial Times 7 p.c. pref. 15s. 3d., 15s. 9d.; Greyfriars Press (4s.) 5s. 1½d.; Hazell, Watson and Viney 5 p.c. pref. (£10) 10½; Illustrated Newspapers 7s. 4½d., 7s. 9d., 7 p.c. pref. 16s. 3d., 17s.; International Linotype 20½; Kelly's Directories 56s. 6d. xd., 7½ p.c. pref. 29s. 3d., 29s. 6d. xd.; 5 p.c. 1st mt. deb. 107; Lamson Paragon 22s. 7½d.; Linotype and Machinery 4½ p.c. A deb. 77½, 76½ xd.; London Express Newspaper 7 p.c. pref. 23s. 6d., 24s.; G. Newnes (10s.) 27s. 6d., 5 p.c. 1st pref. 22s. 3d. xd., 7 p.c. 2nd pref. (10s.) 13s. 6½d.; Odhams Press (4s.) 8s. 6d., 8s. 3½d., 6 p.c. pref. 22s. 10½d., 22s. 7½d., 6½ p.c. A pref. 22s. 6d., 23s.; C. A. Pearson 5½ p.c. pref. 19s. 9d.; Sunday Pictorial 43s., 43s. 6d.; 8 p.c. pref. 28s. 9d.; R. Tuck 15s. 9d., 15s. 6d.; United Newspapers 7½ p.c. pref. 4s.; Waterlow and Sons defd. 15s. 4½d., 15s. 6d., 6½ p.c. pref. 22s. 10½d., 4 p.c. pref. 18s.; Weldons 10 p.c. pref. 21s., 21s. 6d., 6 p.c. pref. 20s., 20s. xd.; Winterbottom Book Cloth 35s., 35s. 3d.

Dividends and Reports

JOHN WADDINGTON.—Interim dividend 2½ per cent. on ordinary shares of these Leeds printers, etc. (against 5 per cent.).

HUDSONS AND KEARNS (printers, etc.).—It is considered advisable to await completion of accounts for year ended December 31st, 1933, before making an announcement regarding payment or otherwise, of a dividend for year.

New Companies

METCHIM AND SON, LTD.—Capital £35,000 in 10,000 5 per cent. cumulative preference and 25,000 ordinary shares of £1 each; to acquire the business of law, parliamentary and general printers, sta-

S
P
I
C
E
R
S
LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

tioners and lithographers as formerly carried on by Percy B. Metchim and Ralph Metchim as "Metchim and Son" at Abbey Buildings, Princes Street, Westminster, and 32, Clements Lane, E.C. Private company. First directors: Percy B. Metchim and Ralph Metchim. Registered office: 8, Princes Street, Westminster, S.W.1.

HOME COUNTIES NEWSPAPERS, LTD.—Capital £30,000 in £1 shares (13,000 7 per cent. cumulative preference); to acquire the business of newspaper proprietors, printers and general publishers carried on by Albert A. Gibbs, John Bamforth, Geo. S. Myers, Richard A. Gibbs, and Alec J. G. Gibbs at Luton. Private company. First directors: Albert A. Gibbs (governing director), George S. Myers, John Bamforth, Richard A. Gibbs, and Alec J. G. Gibbs. Registered office: 41, Manchester Street, Luton.

GIBBS, BAMFORTH AND CO. (LUTON), LTD. Capital £20,000 in £1 shares; to acquire the business of newspaper proprietors and general publishers carried on by Albert A. Gibbs, John Bamforth, George S. Myers, Richard A. Gibbs, and Alec J. G. Gibbs at Leagrave, Luton, and elsewhere. Private company. First directors: Albert A. Gibbs, Richard A. Gibbs, and Alec J. G. Gibbs. Registered office: 41, Manchester Street, Luton.

E. E. OWENS AND CO., LTD.—Capital £3,500 in £1 shares; to acquire the business of a printer and wholesale stationer formerly carried on by the late Edward E. Owens, and since his death by Louisa E. Owens. Private company. First directors: Louisa E. Owens, Edward S. Owens and Arthur H. Lovell. Registered office: 64a/70a, Choumert Road, Peckham, S.E.15.

H. G. STONE AND CO. (PRINTERS), LTD. Capital £2,500 in £1 shares; to acquire the business of a printer and stationer heretofore carried on by Henry G. Stone at Wymondham and Attleborough, Norfolk. Private company. First directors: Henry G. Stone (managing director and chairman), Margaret Stone, Jack G. Moore and Harry B. Warne. Solicitors: Lionel Standley, Wymondham, Norfolk.

R. GLOSSOP, LTD.—Capital £1,500 in £1 shares (100 5 per cent. non-cumulative preference and 1,400 ordinary); to acquire the business now carried on by Rupert Glossop at 130, High Street, Smethwick, Staffs, as "R. Glossop," and to carry on the business of stationers, printers, lithographers, type foundries, etc. Private company. Permanent directors: Augustus Trow, Chas. F. Bevey and Rupert Glossop. Registered office: 130, High Street, Smethwick, Staffs.

JOHN F. WHITTLE, LTD.—Capital £1,500 in £1 shares; to acquire the business of a printer and bookbinder carried on by J. R. Deegan as "John F. Whittle" at 133, Great Bridgewater Street, Manchester; and

the machinery, plant and premises specified in an agreement with the said vendor. Private company. First directors: Miss Florence E. Whittle, James R. Deegan, and Arthur Lowth.

Registered office: 133, Great Bridge-water Street, Manchester.

PROCESS BLOCKS, LTD.—Capital £100 in £1 shares; process block makers, designers, photogravure process workers and producers, photo-litho offset producers, printers, photographers, art journalists, etc. Private company. Directors: Walter E. Beeby, Thomas B. Pagett, John O. Bryant and Robert J. Hughes. Registered office: 45, Farringdon Street, E.C.4.

COUNTRYMAN, LTD.—Capital £500 in £1 shares; to acquire the business of a proprietor and publisher of magazines and periodicals now carried on by John W. Robertson Scott at Idbury, Kingham, Oxon, as "The Countryman." Private company. Directors: John W. Robertson Scott, J.P., and Mrs. Elspet K. Robertson Scott. Solicitors: Linnell and Murphy, 12, King Edward Street, Oxford.

HACKNEY COMPOSITION SERVICES, LTD.—Capital £500 in £1 shares; proprietors, Linotype and Monotype setters, type foundry, electrotypers, stereotypers, etc. Private company. Directors: Walter Taylor (permanent) and Walter Thompson. Registered office: 303, Mare Street, Hackney, E.8.

ANGUS PRESS, LTD.—Capital £100 in 1s. shares; printers, publishers, newspaper proprietors, advertisers, etc. Private company. First directors: Chas. A. Wilson, Angus Bunting and Douglas E. Gray. Registered office: 30, Kirby Street, Hatton Garden, E.C.1.

U.H.D. TRUST, LTD.—Capital of £5 in 1s. shares; to act as trustees of certain existing funds and trusts for the benefit of employees of John Dickinson and Co., Ltd., and associated companies, including two Pension Funds and the unincorporated body known as the "Union of the House of Dickinson," etc. Private company. Directors: Sir Reginald Bonsor, Bt., John H. Hambro, Richard S. Dove, Wm. E. Ellens, Daniel M. Skeins and Samuel G. Bibby. Solicitors: McKenna and Co., 31/4, Basinghall Street, E.C.

Increases of Capital

BOOK SYSTEMS (1933), LTD. (Printers, etc., 4/5, Warwick Court, W.C.2).—The nominal capital has been increased by the addition of £250 beyond the registered capital of £100. The additional capital is divided into 250 6 per cent. participating preference shares of £1.

Mortgages and Charges.

DAILY HERALD (1929), LTD. (93, Long Acre, W.C.2).—Particulars have been filed of second debenture stock to secure

Comps LTD.

**LINOTYPERS
TO THE TRADE**

**LET US
QUOTE**

The extra efficiency we are able to give you, an ever-ready DAY and NIGHT SERVICE, and in cases of urgency, EXPRESS MOTOR DELIVERY, is worth at least something.

And our price, by the time the job is finished, has been proved to be the CHEAPEST in the Trade.

Some of our type faces:

- 14pt. Cheltenham Wide with Cheltenham Bold.
- 12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).
- 12pt. Kennerley and Italic.
- 12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.
- 12pt. Modern with Doric and Italic.
- 11pt. Scotch and Italic.
- 10pt. and 8pt. Cheltenham Wide and Italic.
- 10pt. and 8pt. Book-print and Cloister Bold.
- 10pt. and 8pt. Garamond and Italic.
- 10pt. Modern and Italic.
- 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.
- 9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

£426,000, authorised December 13th, 1933, and covered by trust deed, dated December 27th, 1933 (supplemental to trust deed dated August 15th, 1930), the whole amount being now issued. Property charged: The goodwill and connection relating to the "Daily Herald" newspaper, and the company's undertaking and other property, present and future, including any uncalled capital (subject to trust deed dated March 15th, 1930). Trustees: J. S. Elias and P. J. Nunn. (The above stock ranks pari passu with the issue of £324,000 like stock, issued under resolution dated August 15th, 1930.)

EYRE AND SPOTTISWOODE (PUBLISHERS), LTD. (6, Great New Street, E.C.).—Particulars filed of £12,000 debentures authorised October 2nd, 1933, charged on a sinking fund policy for £12,000 and the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

WALKER AND CO. (PRINTERS), LTD. (38, Heath Road, Twickenham).—Satisfaction in full on December 8th, 1933, of charge dated March 1st, 1927, and registered March 8th, 1927. (According to the register of mortgages, the only charge registered on March 8th, 1927, was a mortgage which originally secured all moneys due to bank.)

LAKEMAN AND TUCKER, LTD. (Printers, etc., 26, Long Acre, W.C.2).—Satisfaction in full on December 30th, 1933, of series of debentures (1) authorised February 17th, 1915, securing £1,500, (2) authorised September 29th, 1923, securing £1,500, and (3) authorised December 31st, 1925, securing £7,000, and registered February 19th, 1915, October 3rd, 1923, and January 20th, 1926, respectively.

ARCHIBALD AND JOHNSONS, LTD. (Printers and stationers, etc., 38/40, Lowgate, Hull).—Mortgage for £500, dated June 11th, 1925, charged on 25, Scale Lane, Hull (being property acquired by the company on March 9th, 1933). Registered pursuant to Section 81, of the Companies Act, 1929. Mortgagee: W. H. Rowsón, 40, Desmond Avenue, Hull.

EDWARDS AND SONS (OF REGENT STREET), LTD. (Stationers, printers, etc., 14, Berkeley Square, W.1).—Satisfaction in full on December 5th, 1933, of first debenture dated April 15th, 1932, and registered April 21st, 1932, securing £7,000.

AIRWAYS PUBLICATIONS, LTD. (4, Clements Inn, W.C.2).—Issue on December 31st, 1933, of £350 debentures, part of a series already registered.

ASSOCIATED PAPER MILLS, LTD. (53, New Broad Street, E.C.).—Satisfaction in full (1) on July 12th, 1933, of debentures authorised July 29th, 1921, and registered August 17th, 1921, securing £150,000, and (2) on December 14th, 1933, of trust deed dated March 31st, 1925, and registered April 20th, 1925, securing £250,000 debenture stock (notices filed December 28th, 1933).

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

BARCLAY Treadle Paging Machine, two sets wheels. Full particulars from Box 16136.

BREMNER Double Demy Wharfe., Balanced Flyers, Geared Inking, etc.; excellent condition.—Box 16135.

CROWN FOLIO Reddish Jobber, Treadle and Power, £30. Seen by appointment only.—"Chemist," 184, High Street, Penge, S.E.20. 16137

ETCHING MACHINE (Line-Zincos) (Hunter-Penrose) 21in. by 23½in., Rustless Steel Paddles; perfect Working Order; £58.—Box 16120.

FALCON PLATEN, excellent condition, low price. Can be inspected at 131, Finsbury Pavement, E.C.2. 16121

FURNIVAL Demy Wharfedale, Power, Double Drive; in perfect order.—Box 16133.

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

PHOENIX PLATEN No. 4, nearly new, hardly used. Particulars from 131, Finsbury Pavement, E.C.2. 16122

WHARFEDALE (Double Demy) Letterpress Printing Machine, by Dawson, Payne and Elliott, Ltd., Otley, "Perfection" P.S.U. Delivery; in good condition.—Box 16134.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing RISCATYPE. 15732

WANTED

BUSINESS

WANTED.—SMALL PRINTING OFFICE. Must be genuine and stand investigation. Replies, in strictest confidence giving full particulars, to Box 16123.

**THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.**

PHONE
GERRARD 3664 (4 LINES)
The
**WEST END
ENGRAVING
COMPANY LTD
17, ST ANNE'S CT.
WARDOUR ST. W1**

SITUATIONS VACANT

SMART up-to-date man wanted as OVERSEER in Warehouse and Binding Department of general commercial Printers. Must have first-class experience of modern methods of production and knowledge of loose-leaf work. Apply, stating age, experience, and salary required to Box 16138.

SITUATIONS WANTED

BINDER, Letterpress and Stationery Forwarder, seeks situation.—4, Hill Crescent, Surbiton, Surrey. 16130

BINDER seeks situation; Account, Publishers, Misc., or Cutter. Young, N.S.—B., c/o Mrs. White, 94, Shakespeare Road, Herne Hill, S.E.24. 16131

CAPABLE young, all-round PROCESS WORKER, specialise Line-etching, Routing.—3, Seymour Road, St. Albans, Herts.

COMP, display, job., make-up, advts.—9, Evelina Road, Nunhead, S.E. 16125

COMP-MACHINIST (N.S.), Platens, General Jobbing, Display and Commercial; proficient.—Write Box 16132.

"D" OPERATOR, age 23; L.S.C., 2 years all classes work, also "D.D."—Bennett, 11, Arlington Road, Teddington, Mdx. 16129

GENERAL CUTTER seeks sit.—H.C., 95, Petherton Road, N.5.

MACHINE RULER seeks situation. Experienced in all good general work; used to Double Striker machine.—E. Renshaw, 24, Badsworth Road, Camberwell, S.E.5. 16075

PLATEN Minder, experienced General work, several machines.—Simester, 5, Cremorne Road, S.W.10. 16127

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

YOUTH, five years' experience single and two-colour Wharfedale machines, seeks change.—E. Croxford, 18, Howard Road, London, N.16. 16124

MISCELLANEOUS

TO PROGRESSIVE PRINTERS: An extensive supply of good work in all branches is open to large firm, with services of efficient and practical representative with own car.—Box 16128.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

**INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS**

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

BLOCKMAKERS

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm

G. H. MADDIN & CO. LTD
Engravers & Die Sinks
Cameo Printing Dies & Embossing Blocks
of every description for High class & Distinctive Work
ORIGINAL DESIGNS & SKETCHES

10 & 11 MIDDLE ST. ALDERSGATE ST. LONDON E.C.1.

ENGRAVERS

FOR GOOD SERVICE

MARSHALL

ENGRAVING CO. LTD CENTRAL 4626
12 & 14 FARRINODON AVE. E.C. 4 LINES

**ARTISTS
PHOTOGRAPHERS
PHOTO-ENGRAVERS**

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHURE -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2

H. E. W. JOHNSON LTD
METANA HOUSE, MIND COURT, FLEET ST. LONDON E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678

Telegrams : "Printaut, Fleet, London"

Fire Loss Assessor—Newspaper Valuer—Rating Surveyor

CONTRACTORS FOR OVER SIXTY YEARS TO H.M. PRINTING OFFICES,
HON. BOARD OF INLAND REVENUE AND THE PRINTING TRADE GENERALLY



Registered Trade Mark

Established 1868

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
An extensive and up-to-date Plant enables all orders to be dealt with promptly.

Compositions

for Home & Export in grades to suit all requirements. None but the finest and MOST SUITABLE materials are used. Look for the Trade Mark, as above, on every slab. Obtainable through all Importing Houses.

"THE DURABLE" PRINTERS' ROLLER CO., LTD.

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

PROCESS BUY  **BRITISH COPPER**

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 273

LONDON: January 18, 1934

EVERY THURSDAY
PRICE THREEPENCE

RUSH?

Then you don't want to waste
time "back-tracking" copy:
correct from case!

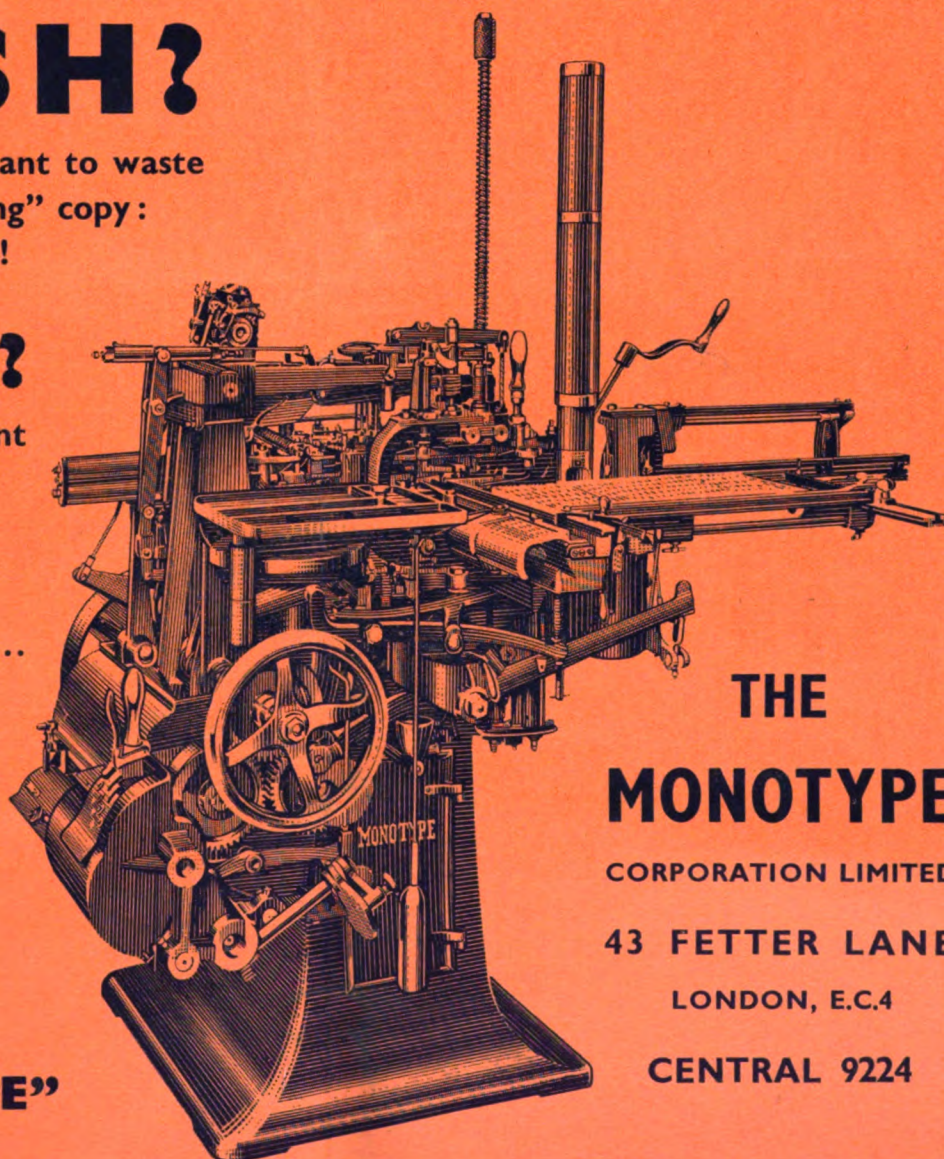
SLACK?

Then you don't want
an idle machine:
**CAST SORTS,
DISPLAY TYPE,
LEADS & RULES...**

COMPLICATED SETTING?

Then only the
"Monotype"
machine
can do it.

REGISTERED
"MONOTYPE"
TRADE MARK



THE MONOTYPE

CORPORATION LIMITED

43 FETTER LANE

LONDON, E.C.4

CENTRAL 9224

FOR PRINTING METALS 'Phone FRY'S - *Micham* 4023

The Winter Number of **PAPER & PRINT**

is Now on Sale

Rich in illustration, colour and helpful reading matter, this is another striking production.

The many features include :

Printing Specimens Reviewed	...	...	H. A. Maddox
Choice of Papers and Inks			R. B. Fishenden, M.Sc.Tech.
Pitfalls for Paper Users	...	...	Edw. A. Dawe
Poster and Showcard Design and Printing			Alfred Bastien
Lithography in Present-Day Sweden			Joseph Goodman, F.R.P.S.
Half-tone Blocks & Paper Surfaces			A. Grout & W. E. Barnard
Carton Making and Printing	...	...	E. Gurd
A Warning to Carton Makers	...	...	P. J. Stevens
Guide to Present-Day Types	...	...	A. F. Johnson
Review of Successful Layouts	...	...	W. E. Trimble
Safety Guards for Guillotines, etc.			

Technical queries are answered, and new machinery and supplies reviewed. Numerous fine insets exemplify papers, boards, inks and printing processes.

If you are not already a subscriber it is advisable to order **NOW**. **PAPER & PRINT** is always sold out soon after publication, despite increased printing order. The cost is **FIVE SHILLINGS** per annum, or if ordered through your newsagent One Shilling per copy.

STONHILL & GILLIS LTD

58 SHOE LANE

LONDON, E.C.4.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 273

LONDON : January 18, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THERE are many welcome signs that printers are at last coming to realise the harm that price-cutting has done. In many quarters there are serious efforts to repair the damage and some sacrifices are being made in the cause of price sanity.

* * *

Towards Profitable Prices

SOME months ago the chief and most common comments, declarations and views we all heard were those lamenting the folly of particular competitors who were taking particular jobs. Coupled with the lament there was frequently a threat of retaliation or an expression of the necessity to hold present trade or secure new at any cost. Only in rare cases did we meet the printer determined to stand his ground and keep up the level of his known cost plus profit. Now, however, it is a commonplace to hear of printers, reformed and staunch enough to stick to their price and let the cut-throat job go by. Day by day their number should be added to, and if trade continues to improve, as it might well do, the dawn of an era of profitable printing is not so very far off.

* * *

The Big Price-Cutters

Is it reasonable to suggest a sort of semi-direct action against the big offenders in this matter of price slaughtering? We are aware of all the difficulties atten-

dant upon any such process, but it is possible perhaps to find some method of awakening a consciousness of the harm that they are doing in the minds of those mostly responsible for controlling the policy of price-cutting. We all know the big houses who are quoting prices and taking work at ridiculous figures. No matter what their equipment and organisation may be, they cannot produce printed matter so much more cheaply than other printers. We know in truth that their policy is to get all the work they can lay their hands on; and the methods they employ are many and various, from buying-up other firms to offering percentage concessions against lowest tenders. We know also that their expectation is to

mix up a bag of this sort of low-cut work with a volume of more profitable stuff in the hope that the final compound will have a favourable balance. There is not much hope for the printer who wants to conduct his business on business-like lines against the sort of competition he is meeting from these people and the worst of it is that he is made to appear to be extortionate.

* * *

The Official Influence

THERE never was much excuse for the methods of the "big concern" price-slaughters and there is less than ever now that the better sort of printing house is trying to lift the

ON OTHER PAGES

	PAGE
Personalia	50
Master Printers' Activities	52
Surridge-Dawson Amalgamation—	
Stationery Department Extending	54
Home Counties Alliance	54
Trade Notes	56
Joint Industrial Council	56
"Paper & Print"	56
Printing at St. Helena	57
Modern Trend in Bookbind'g Design—	
By F. C. Holbrow	58
Stimulus for Book-Cover Designers—	
At First-Edition Club	60
Bookbinding Research in America—	
Practical Benefits Accruing	62
New Inventions	64
Costing for Binders—	
Mr. Williamson Addresses Overseers	66
The Late Mr. Percy Royle	67
Greycaine Director Dies	67
Honour for Mr. W. C. Foster	68
Printing Ink Firm Sued	69
Commercial Review	70

prices level. So it might be possible to bring the offenders to a co-operative frame of mind by means of sustained effort. Official propaganda of an educational and appealing nature is one of the factors likely to help, and official discussions might help also, seeing that it is almost customary for some of the powers of the powerful concerns to hold office and give lip service to the cause which they undermine in their more personal pursuits.

* * *

Printers' Standard Conditions

THERE is a tremendous need for the absolute adoption and practice of the Standard Conditions

and there will be an equal need for courage and common sense when this is finally achieved. On the question of shortages and overs alone, there is enough injustice against the printer to justify strong steps in common. Dominating clients there are who in one place or another are causing loss and serious inconvenience to printers because of their insistence on shortages being made up or their refusal to take reasonable overs. Yet in his regard for his customer's interests and rights the printer has to cover contingencies and possibilities not always easily calculable.

PERSONALIA

Sir Henry B. Brackenbury, LL.D., M.D., M.R.C.S., chairman for many years of the Board of Governors of the Stationers' School, had the Honorary Freedom and Livery of the Stationers' Company conferred upon him last week. On the same occasion Lord Riddell, Mr. R. D. Blumenfeld, Mr. C. J. Watts and Mr. R. K. Burt took their seats as Assistants.

Mr. Eric Gill, of "Gill Sans" fame, spoke on "Master Printers of the Brave New World" at Bristol Reference Library on Friday, when the Bristol branch of the Design in Industry Association inspected an exhibition of books and pictures illustrating design in the applied arts. The chair was taken by Mr. H. G. Tanner.

Mr. Chas. C. Knights, F.S.M.A., lectured, for the sixth year in succession, to the London Central Districts Master Printers Association on Tuesday at Stationers' Hall, there being a large and interested audience.

Mr. George A. Isaacs, general secretary of the National Society of Operative Printers and Assistants, will speak on "A trade union leader's view of foremanship," at a national conference on Foremanship at Park Lane Hotel, on January 26th. Some 250 industrial executives are to attend under the auspices

of the British Works Management Association and the Institute of Labour Management.

Mr. C. Stephen Millikin was entertained at dinner on Sunday at the Dorchester, Park Lane, W., by the senior advertisement staffs of Associated Newspapers, Ltd., to celebrate the completion of ten years as advertisement director. A presentation was made by the chairman, Mr. Leonard Raftery, advertisement manager of the "Daily Mail."

Mr. T. D. Hawkins, the London Master Printers Association organiser, was, we regret to hear, taken suddenly ill on Friday and underwent an operation. The operation is stated to have been successful, but some weeks must elapse before Mr. Hawkins is in harness again.

Mr. H. Pendleton, of Manchester, has been appointed works manager of Messrs. F. J. Parsons, Ltd., printers and publishers, Hastings, in succession to Mr. F. Greenwood, retired.

Mr. Andrew Milne, has been appointed general manager of the "Drapers' Record and Men's Wear."

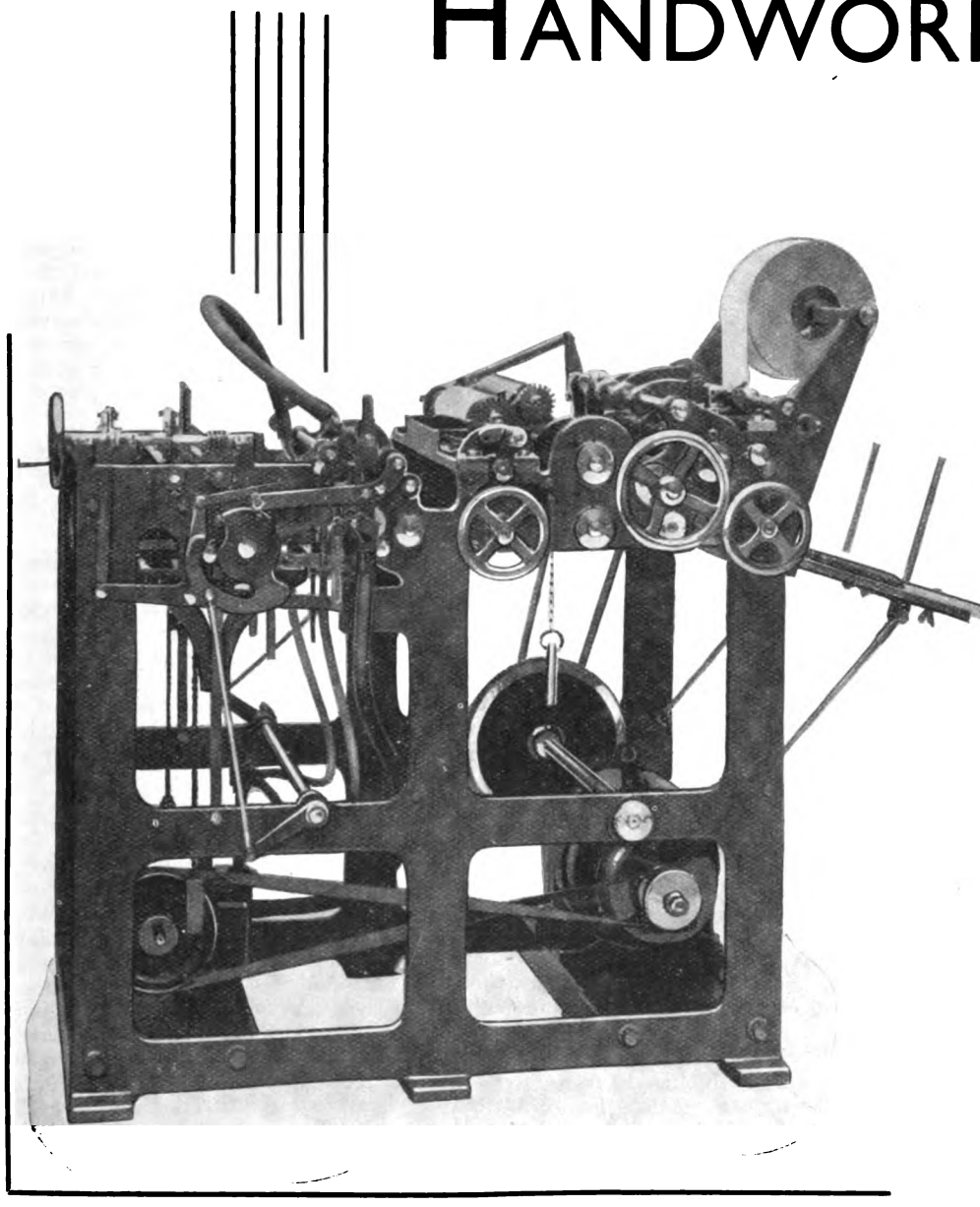
Mr. P. L. Garrett, assistant editor of the "Ironmonger," has been appointed editor in succession to Mr. W. A. Young.



THE FEDERATION OF MASTER PROCESS
ENGRAVERS HAS DEVELOPED THE
PROCESS BLOCK AND PLACED AT
YOUR SERVICE THE POWERFUL
SELLING FORCE OF MODERN
ILLUSTRATION—USE MORE BLOCKS

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS

CUT OUT THAT HANDWORK !



The "LEADER" WINDOW PATCHING MACHINE

will deal with large or small orders, fixing transparent patches many times quicker and more accurately than you have ever done by hand labour.

Owing to the extreme simplicity of adjustment, no order is too small to put on the machine.

It will handle all classes of transparent papers including Cellophane, Gelatine, and similar substances.

Let us have samples of the shapes and sizes you are patching by hand and we will give you full details of what our machine will do.

DAVID CARLAW & SONS, LTD

31, Finnieston Street, Glasgow, C.3

London Representatives :- **DAWSON, PAYNE & LOCKETT, LIMITED, DEAN STREET, FETTER LANE, E.C.4**

MASTER PRINTERS' ACTIVITIES

TOPICS OF TRADE INTEREST

The quarterly meeting of the Council of the British Federation of Master Printers was held at the Connaught Rooms, on January 9th. Reports were presented by standing committees, as usual.

The Technical Committee has approved of seven further guards for guillotines and has issued a second booklet to members giving particulars of these.

Linking Printers and Paper-Makers

A suggestion made for greater co-operation between printers and paper-makers has been considered by the Technical Section of the Paper Makers' Association who have suggested that Dr. Riddell, Technical Director of the Printing Industry Research Association, be invited to read a paper once a year at one of the Association's meetings in London, Taunton, Manchester, or Edinburgh, putting forward for discussion problems which have arisen in the printing industry in the preceding period in connection with the use of paper. Dr. Riddell has approved of the suggestion, and in the event of arrangements being made along these lines the Federation will make the lecture known to printers.

Agreement has been reached with the National Association of Paper Merchants on the subjects of breakage charges and the supplying of odd quantities of paper, etc., and the Paper Standardisation Agreement has been supplemented to cover these points.

Printers' Salesmanship

The Publicity and Selling Committee has reported that the full manuscript of the new Salesmanship Book has now been received and is being considered. The booklet "To Increase Your Sales" has been distributed to a large number of buyers of printing, and many commendatory letters have been received regarding it. The United Typothetæ of America, Department of Marketing, have been specially warm in their praise of it. There is a small remaining stock of the booklets which will be distributed to buyers of printing as opportunity offers. A second booklet having as its theme "Printing as an Investment" is to be prepared. It has been decided that the subject of "Salesmanship" will be dealt with at the Publicity and Selling Session of the annual congress of the Federation this summer. There has been a discussion with representatives of the British Poster Advertising Association on the subject of co-operation in a joint scheme of poster advertising, and the poster-printer members of the Federation are to be consulted on the proposal.

The Costing Committee reported on its consideration of a scheme of propaganda for the Costing System as put forward by the Midland Alliance, and it was decided to increase the staff of Cost Accountants engaged on "selling" and installing the System.

Labour Questions

The Labour Committee reported on various questions at issue with the trade unions. A revised proposal has been submitted to the Typographical Association

for extra rates for the Chambon, Thrissell, and similar machines. As regards jobbing Linotype night rates, a communication has been sent to the T.A. on a proposal for extras for permanent night staffs. A conference with the T.A. took place in the beginning of January on the subject of newspaper colour printing, the T.A. having made a claim for extra payment to men engaged on that work.

Further discussions have taken place with the N.U.P.B. & P.W. on their application for extras for certain machines under the Binders and Male Members Agreements, and agreement has been reached for extras on the Smyth Triple Lining and Head Banding Machine and the Smyth Standard Full Automatic Blocking Press. As regards grading, an agreement has been reached with the Amalgamated Society of Lithographic Printers that Andover be placed in Grade 2.

The Contracts, Legislation, and Transport Committee reported on a variety of subjects including Import Duties, Standard Conditions of the Trade, Merchandise Marks, Parliamentary Bills, etc.

The Organisation Committee's Report contained a statement regarding the International Congress of Federations of Master Printers which is to be held at Utrecht in October of this year. The Council decided that the Congress be officially supported, and that four official representatives of the Federation be appointed. A plan will be prepared to enable members of the Federation to attend the Congress and the exhibition of printing machinery to be held at Utrecht at that time.

Summer School for Y.M.P.s

The Young Master Printers Committee reported in some detail on the proposal for the holding of a Summer School for Young Master Printers, for which there is now a substantial guarantee fund available. The School is to be held in Edinburgh in July and August this year, extending for the period of one month. A curriculum has been drafted covering the following courses: Factory Management (thirteen lectures); Book-keeping, Costing, and Estimating (sixteen lectures); Economics, Accountancy, and Business Administration (twelve lectures); Industrial Law (three lectures); Salesmanship (five lectures); and Technical Subjects (nine lectures). In addition there will be two or three evening discussions led by prominent persons. The lecturers who are being approached are all men of acknowledged authority in the subjects they are to be asked to deal with.

The students are to be housed on the hostel system, and attractive accommodation has been arranged for. The intention is that the Saturday afternoons and Sundays will be left free to students' own devices, and that other days will be taken up by lectures, visits to prominent paper and printing works, and social events and sports meetings of various kinds. The outstanding attractions of Edinburgh and its countryside are expected to prove a very considerable item of interest, and to help substantially in making this first year of the Summer School a real success.

IMPORTANT ANNOUNCEMENT

• •

On 1st JANUARY, 1934

An Amalgamation was effected between

P. W. J. SURRIDGE & SONS LTD.

239/241, BLACKFRIARS ROAD, LONDON, S.E.1,

AND

THE HOME TRADE WHOLESALE DEPARTMENTS AND BRANCHES OF

Wm. DAWSON & SONS LTD.

27, PILGRIM STREET, LONDON, E.C.4,

who together will trade under the name of

**SURRIDGE, DAWSON
& CO., LIMITED**

WHOLESALE NEWSAGENTS, BOOKSELLERS AND STATIONERS

Head Offices :

239/241, Blackfriars Road, London, S.E.1

Telephone Numbers : HOP 1441/6.

SURRIDGE-DAWSON AMALGAMATION

STATIONERY DEPARTMENT EXTENDING

The business of Messrs. P. W. J. Surridge and Sons, Ltd., wholesale newsagents, stationers, etc., has been amalgamated with the similar concern of Messrs. Wm. Dawson and Sons, Ltd., and the extensive home trade of the two concerns is being concentrated at the



MR. PERCY J. SURRIDGE

new Surridge building at 239-241, Blackfriars Road, London, S.E., while Dawson's will devote themselves to the export business at Cannon House.

An interesting feature is the extension of the stationery side of the joint business. At the new premises the top (fourth) storey is to be devoted to the wholesale stationery department, and is at present being fitted so that the staff will be enabled to handle this growing section with speed and efficiency. In the third storey are the board room and the clerical departments, below which is the bookselling department, whilst the ground floor houses the news department (which sees its chief activity throughout the night), and the returns and back numbers department is situated in the basement.

Mr. Percy J. Surridge, who, at the age of 38, has for nearly six years been managing director of Messrs. P. W. J. Surridge and Sons, Ltd., has been appointed managing director of the amalgamated concern. Mr. P. Surridge is the eldest of three brothers whose father founded the business of P. W. J. Surridge at New Cross in 1904. For three generations now, the name has been well known in and around Fleet Street. After being educated at Deal Mr. P. J. Surridge went direct into his father's business, where he spent a couple of years before the outbreak of the War. He was then about 19 years old and he joined the ranks immediately, being away the whole period of hostilities. He subsequently received a commission and was wounded four times, losing the use of his right knee.

On his return from active service he rejoined his father at New Cross. In 1919 an ambitious move was made to London, and premises were acquired in Farringdon Avenue. The return of Mr. P. J. Surridge into the business gave it a new impetus, and in subsequent years many smaller businesses were absorbed, including Messrs. James Marshall and Son and (in 1928) Messrs. Daws, of Stepney. It was in 1928 that Mr. P. W. J. Surridge, the founder, decided to turn the business into a private company. His three sons became directors, together with Mr. F. Cleave, the general manager. These four are on the board of the new company. In that same year, only a few months after the registration, the founder died, aged 55. Mr. Percy Surridge then assumed control and steady expansion continued to be made until the premises in Farringdon Avenue became inadequate. About the middle of last year a move was made to the new premises at 239-241, Blackfriars Road.

Mr. P. Surridge has one notable hobby, apart from business, and that is rifle shooting. He is a well-known figure at Bisley, where he has been in the King's Hundred, and is, like his brother, Mr. F. J. Surridge, of international repute for miniature rifle shooting.

Home Counties Alliance

Apprentices Competition

The group meeting in connection with the Apprentices Competition arranged by the Home Counties Master Printers' Alliance, took place yesterday (Wednesday). The apprentices qualified to attend assembled at the offices of the Federation of Master Printers in the forenoon and were divided into groups which visited respectively the following firms: The Amalgamated Press, The Cornwall Press, Ltd., Messrs. Hudson and Kearns, Ltd., and Messrs. Odhams Press, Ltd. Assembling later at Euston station the party was conducted to the Croyley Mills of John Dickinson and Co., Ltd., where the making of paper was explained in detail. The proceedings concluded with the distribution of prizes. A full report of this interesting meeting will appear in our next week's issue.

We regret to record that Mr. Charles Baker, founder and joint editor of the "Newspaper World," died, aged 83, at his home at Ockley, Surrey, on Saturday. In 1932 he had completed sixty years of active journalism and fifty of newspaper proprietorship. Until 1926 he was sole proprietor of the "Newspaper World." A private company was then formed, Mr. Baker remaining as joint editor. A memorial service was held at St. Margaret's Church, Ockley, yesterday (Wednesday) at 3 p.m.

"The Prism"

A Bright House Organ

Journalism is not an easy profession. What interests one reader does not interest another. But whatever the editor decides to print must be readable nowadays, for few folk have the time to read any more than they are forced to. These are a few of the difficulties facing publishers of a journal. The house organ is something more difficult still. Some firms confine their house organs to personalia regarding the staff. In other cases the house organ is frankly a boost for the firm's wares.

"The Prism" made its first appearance last week as the house organ of Messrs. W. G. Briggs and Co., of Chichester Rents. It reached us in an attractive envelope—which was the first point that favourably impressed us. Comparatively few firms yet realise the value of the outer wrapping. The finest journal in a poor and unattractive envelope has an unfavourable introduction to the reader's notice.

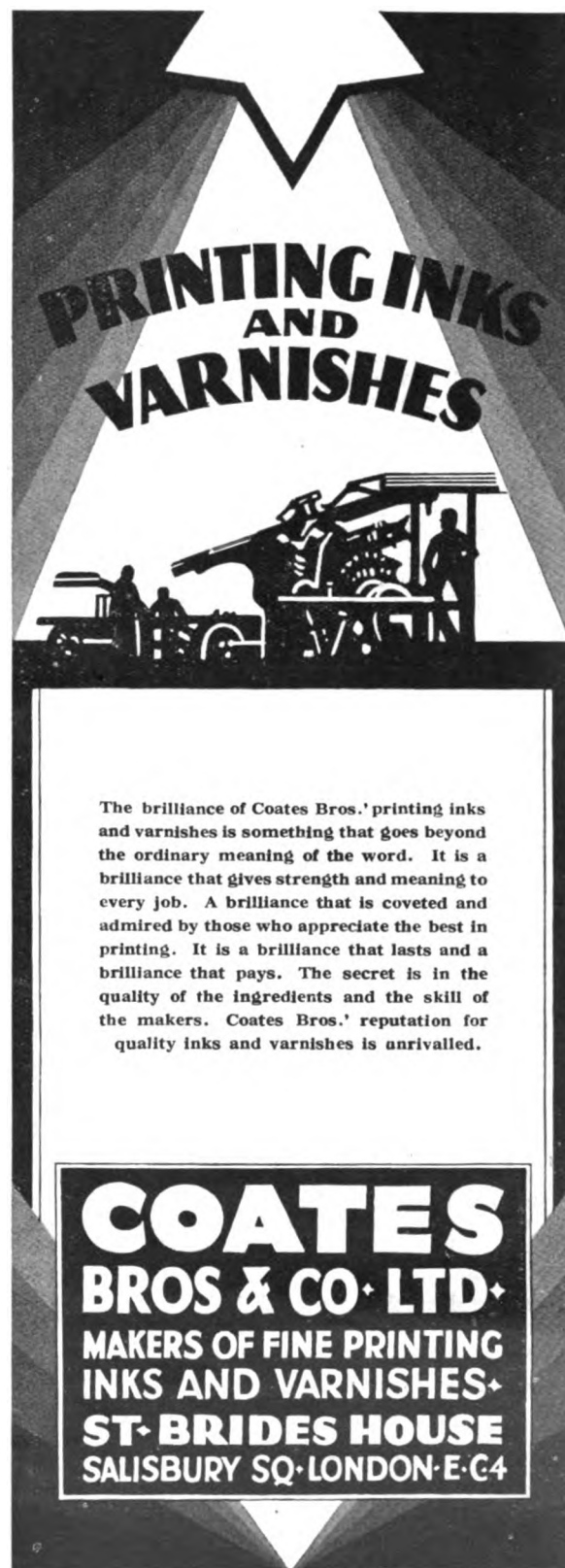
The cover of the journal is striking. The front design of a prism "reflecting the aims and policy of the House of Briggs" is ingenious, and we learn is to be used as the basic design for a series, with variations in treatment from month to month. The text is bright, and would seem to strike a happy medium between the personal and the boost. Perhaps boost is the wrong word to use since the journal relies upon its illustrations—photographs and reproductions—and the reproduction of a testimonial, to carry its message as an ambassador of the firm.

There is a signed foreword by "W. G.," the head of the firm. The editor's opening remarks follow, and are interspersed with small line illustrations which are quite amusing. "Believe It—curious facts in process engraving" are as interesting as they are original and of considerable value in educating the reader upon that little-known subject—process blocks. "Our Clients Feature" deals with the well-known firm of W. T. Henley's Telegraph Works Co., Ltd.

There is an excellent half-tone of "The Guv'nor" (Mr. W. G. Briggs), who is aptly described as a "stout fellow in everything but girth." The various departments are evidently all to be described, and in this number we have "Entry," a eulogium of the order clerk. The editor has an excellent article cogently giving the reasons for the firm's support of the Federation of Master Process Engravers. A list is given of the prominent members of the staff, whilst in conclusion there is a note upon "Production." Here we learn that "The Prism" is carried out in 133-screen half-tone, straightforward line blocks, plus one colour printing in solid line. The types are Bodoni and Gill Sans with hand-drawn titlings.

"The Prism" is an attractive little journal. It is brightly produced, and in every way a reflection of the personality of the House of Briggs.

Mr. W. G. GRAHAM, of Messrs. Graham and Heslip, printers, Belfast, and formerly president of the Belfast Master Printers Association, has died at the age of 66.



**PRINTING INKS
AND
VARNISHES**

The brilliance of Coates Bros.' printing inks and varnishes is something that goes beyond the ordinary meaning of the word. It is a brilliance that gives strength and meaning to every job. A brilliance that is coveted and admired by those who appreciate the best in printing. It is a brilliance that lasts and a brilliance that pays. The secret is in the quality of the ingredients and the skill of the makers. Coates Bros.' reputation for quality inks and varnishes is unrivalled.

**COATES
BROS & CO. LTD.**
MAKERS OF FINE PRINTING
INKS AND VARNISHES.
ST. BRIDES HOUSE
SALISBURY SQ. LONDON E.C4

TRADE NOTES

AN order for the compulsory winding-up of Wholesale Stationery Supplies, Ltd., was made by Mr. Justice Eve on Monday.

FIRE did slight damage last week at the printing premises of Messrs. Elliott and Elliott, 46, Leeds Road, Nelson, Lanes.

A NEW monthly magazine has just been published by George Newnes, Ltd., under the title of "Radio Magazine."

AT Westminster County Court, Mr. Sidney Thomas, a letterpress machine minder, of Fulham, sued Rembrandt Photogravure, Ltd., Russell Street, W.C., for £9 10s., two weeks' wages, in lieu of notice. He said he was discharged because he objected to fulfil an order which he thought was unreasonable. Judgment was given for Rembrandt Photogravure, Ltd., with costs.

THE annual dinner of the London Master Printers Association being arranged for Thursday, March 22nd, the West and North-West M.P. Association have decided to change the date of their annual dinner from March 19th (as already announced) to Tuesday, March 6th.

FOR its meeting yesterday (Wednesday) evening, the L.S.C. Jobbing Guild arranged a demonstration of the new All-Purpose Linotype, at the Linotype Show-rooms, Norwich Street, E.C.4.

WE regret to announce the sudden death on Sunday of Mr. L. Latrielle, secretary of Messrs. Jones and Hicks, printers and stationers, of Wilson Street, Finsbury, with whom he had been associated for the past seven years. Mr. Latrielle was about 43 years of age, and had been engaged in the engineering trade before entering printing.

THE death has occurred, at his home at Stafford, of Mr. Henry Charrington (74), a retired master printer and stationer.

THE death occurred at Beckenham, last week, of Mr. William Edwin Barling (74), after a serious operation. He was apprenticed at the "South Eastern Gazette" under Messrs. F. W. and H. R. Cutbush. Early in his career he joined the staff of the "Daily Telegraph," with which paper he continued for about twenty years. Later he became associated with the "Shipping Gazette" and held the editorship for a considerable period.

Joint Industrial Council

Penny Postage Demand

The Joint Industrial Council for the Printing and Allied Trades held its quarterly meeting at Montagu House on January 10th, when the reports were made as usual by the various committees.

Under the head of General Purposes, the workers' panel raised a question regarding the printing of small silk flags in the United States of America by the proprietors of Kensitas cigarettes, for the purpose of advertising the cigarette packets in this country. They suggested that representations should be made to the proprietors that the work should be done here. The secretary of the British Federation of Master Printers said that the same question had come before the Federation and had been taken up with the proprietors in correspondence, and that an explanation had been received that the quantity of flags printed in America was a temporary one printed for emergency, and that the work had now been put into the hands of two British firms.

It was resolved that approach be made to the Postmaster General for the restoration of the Penny Post and the removal of certain anomalies.

Reports were given by the Apprenticeship, Organisation, Health, Unemployment, and Fair Prices Committees.

The chairman of the Council, Mr. James McQuitty, issued a very pressing invitation to the Council to hold its annual convention this year in Belfast. Members of both sides expressed their keen appreciation of the action of Belfast in giving this invitation, but it was felt that the distance would be a serious obstacle for the majority of members. The matter is to have further consideration by the Organisation Committee.

"Paper and Print"

Winter Number

The recently-issued Winter Number of PAPER AND PRINT, the quarterly review published from the office of this journal, is well up to the high standard set by its previous issues—if we may judge by the opinions of those who have already favoured us with their comments. One prominent printing-trade technologist writes: "PAPER AND PRINT seems to improve progressively. The journal is well spoken of . . . and one meets it a great deal more frequently than any other journal of a like nature."

PAPER AND PRINT links the printing craft and the paper trade in especially helpful fashion, not only setting forth technical developments in printing but also emphasising the relations between printing processes and the papers which the printer uses. Many fine insets of papers, boards, etc., showing printed effects, help in this linking of the allied trades.

In the current number, practical suggestions are made by Mr. R. B. Fishenden, M.Sc.Tech., in respect of the important subject of the choice of papers and inks for the particular job in hand. Mr. Edw. A. Dawe writes on "Pitfalls for Paper-Users," giving information most valuable to those who have to order paper. Mr. H. A. Maddox continues his attractive feature "Printing Specimens Reviewed," in which helpful comments are made upon the many different factors which enter into the printed job. Other articles in the same number deal with carton-making, poster and showcard design and printing, photo-engraving, lithography, etc. For names of the principal contributors, with titles of the articles, also particulars of subscription rates to PAPER AND PRINT, turn to the announcement on page ii of the cover of this issue.

A Printing Press at St. Helena in 1806

By DOUGLAS C. McMURTRIE

To the BRITISH AND COLONIAL PRINTER of August 25th, 1932, I contributed some notes on "The First Printing at St. Helena," and later I reprinted them with some revisions. The recent republication of these notes in the "St. Helena Diocesan Magazine" has resulted in the courteous transmission to me by Mr. G. C. Kitching, of St. Helena, of further information, establishing the date of the introduction of the press on the island of St. Helena.

My former contribution was based upon the information available in the British Museum and the New York Public Library. But information from local sources, as always, proves most valuable.

It is now apparent that the first printing press was brought to the island in 1806. In the Consultations of the Council of the Government, Book 104, page 16, occur the following entries, transcribed for me by Mr. Kitching:—

8th September, 1806

(1) Lieut. Colonel Cocks has much pleasure in acquainting the Governor and Council, that a Printing Press, the joint property of himself, Captain Charles Hodson, Dr. Kay, and Lieut. Barnes, of which the latter has offered himself as the Conductor, and that the Proprietors authorize him to offer

the Press in aid of the Hon'ble Company's Service. Should the Board deem it at any time useful.

(2) The Board approve much of the use of the Printing Press, from which the service and the Island will derive great benefit, by Promulgation of the Orders of the Hon'ble Company, and the Institutions of Government which frequently fail in effect from not being sufficiently known.—The same circumstance applies to the official Regulation of the Service, both in Civil and Military Departments, and at present when the want of Assistants in the different offices is of much inconvenience, the aid of the Printing Press will prove most material advantage to the service.—The offer is therefore accepted.

What was certainly the first newspaper printed in St. Helena is represented by a copy of the "St. Helena Gazette" of June 20th, 1807, which has been preserved. This was Volume 1, No. 5, "Printed for the Proprietors by Arthur Hill."

This issue consists of a letter to the Governor describing the loss of the East India Company's ship *Ganges*, together with one advertisement. This is the earliest printed document preserved in the Government archives.

S
&
P

Printing Inks FOR ALL PROCESSES

OFFSET & PHOTOGRAVURE INKS
IN ALL SHADES ARE A SPECIALITY WITH S. & P. LTD.

IF YOU HAVE NOT

a Photogravure Machine you should try the following Letterpress Inks

• ACME
BLACK

No. 128 2/- per lb.

• GUARDS
SCARLET

No. 708 4/- per lb.

• JELLY
VELVET BLACK

No. J137 3/- per lb.

SLATER & PALMER

4, WINE
OFFICE
COURT

LIMITED

FLEET ST.
Phone: 0211 Central
Grams: Palmink, Fleet
LONDON E.C.4

S
&
P

BOOKBINDING

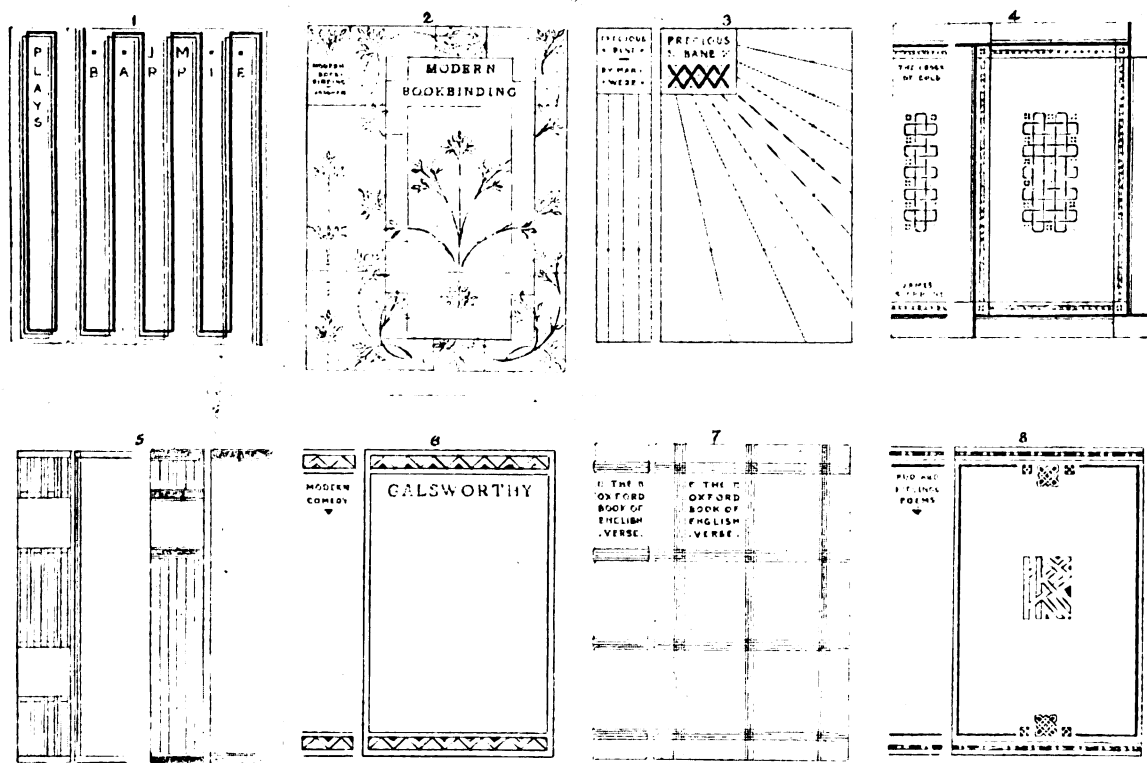
The Modern Trend in Bookbinding Design

By F. C. HOLBROW

*Handicraft Instructor (Bookbinding) at the
L.C.C. Camberwell School of Arts and Crafts*

During the past twenty years a very definite development has taken place in every form of art. This is very clearly noticeable in art as applied to

of design which showed a very definite departure from what had been produced during previous years. Post-war designers carried on the good work initiated



Pencil Designs Showing Present-Day Tendencies

handicrafts. In pre-war years the arts and crafts movement was slowly lifting the art of book decoration out of the slough of despond into which it had fallen. Designers in the movement were deprecating mere copying of the work of their predecessors, and were making an attempt to institute and to develop a type

by William Morris many years before, with the result that many very fine pieces of work have been produced during the past twenty years.

To-day, young designers of book covers are still making progress. Taking what has been proved to be the best in the past, and blending it with ideas gleaned

from the most unlikely places, they are producing less conventional work which may at least be said to be interesting. We have grown weary of the pretty floral designs of the older generation, and aim at something which is at once bold and definite, pleasing without being "pretty," something new and yet not likely to be called eccentric.

New Lines of Endeavour

The accompanying illustrations will give some slight indication of the style of work of some of the younger generation of book decorators. One line of endeavour—which, however, does not lend itself to black-and-white illustration, as it largely depends on colours—is an attempt to get completely away from all previous ideas of book cover design, by forsaking entirely the use of gold lines and floral decoration, and employing coloured leathers in unconventional geometrical formations to produce a very pleasing colour scheme. We have tried in this way to create something in book decoration which we feel to be "different" and in keeping with the spirit of independence prevalent at the present time.

If reference is made to the rough sketches of designs reproduced in the accompanying illustrations, various lines of endeavour can be observed. In design No. 1, for instance, we have tried to give an effect of the pattern standing out in relief. Design No. 2, makes use of the principle, referred to above, of the inlaying of varicoloured leathers: masses of colour are used, and in this case we also use a floral unit, which may be regarded as a concession to the designer

of pre-war days. The third pattern aims at concentrating one's whole attention upon the lettering, a practice which I feel sure many of our present-day publishers might follow to their own advantage and to the pleasure of the book-buying public. And so through the other designs: using gold lines, all of which are very simple, we have patterns which are vigorous and bold; yet who would care to say that they are not interesting?

We are endeavouring to enlarge our ideas of design, so that the designer of the future may find greater scope, for I feel sure that the great and fascinating art of book decoration will never again fall to the level at which William Morris found it.

ONE of the smallest manuscript books in existence, a sixteenth-century version of Petrarch extending to 110 pages of microscopic writing and bound in gold filigree covers less than an inch high, was recently sold at Hodgson's auction room, Chancery Lane, for £45.

THE Leipzig Spring Fair of 1934 will be held from Sunday, March 4th, until Sunday, March 11th. The Textile Fair closes on March 7th, the Office Supplies Fair, the National Furniture Fair, and the Sports and Photo, Cinema and Optics Fairs on March 8th.

A WELL-PRODUCED illustrated leaflet issued by Messrs. Camco (Machinery) Ltd., shows and describes the Camco Power Baling Press and also the Camco All-Metal Waste Paper Baling Press.



On STAND B1, British Industries Fair, Olympia

Mr. John T. Marshall will be pleased to demonstrate the following machines—

THREAD STITCHING MACHINE for stitching single section books, such as pamphlets, exercise books, etc.

LOOPING MACHINE for making two-hole loops in calendars, showcards, etc.

CARRIER BAG STRINGING MACHINE for putting handles of string in carrier bags, satchel bags, etc.

BAG CORNER STRINGING MACHINE for stringing bundles of confectionery bags of sulphite, kraft, etc.

TAG AND BOOKLET STRINGING MACHINE for putting loops of varying lengths in tickets, pamphlets, price lists, etc.

CASE STRAIGHTENING MACHINE for preparing bookcases for automatically-fed bookbinding machines.

CALENDAR RIMMING MACHINE for putting metal rims and suspenders on calendars.

Gold Blocking Presses and Name Stamping Press with Roll Leaf Autofeed. Cardboard Bevelling Machines.

John T. Marshall, 36 Powell St., London, E.C.1

CLERKENWELL 5432 and 5433.

Stimulus for Book-Cover Designers

Designs for To-day Shown at First Edition Club

The exhibition of post-war English bookbindings, which is being held at the First Edition Club, 6, Little Russell Street, London, W.C., makes striking appeal in favour of the modern style of binding as opposed to the traditional. The bindings of the 130-odd books on view have been designed and executed by the following: Kenneth Hobson; Henry T. Wood, Ltd., Miss Katherine Pountney, R. Finberg, George Fisher, Miss Sybil Pye, Miss C. D. Rennards, T. Harrison, J. R. Biggs, Miss Madeleine Kohn, Frank Vaughan, Arthur Johnson, Mrs. Konstam, R. P. Sleeman, G. F. Page, Zachnsdorf, Ltd., Paul Nash, John Nash, Miss G. Ridgway, Desmond Flower, Miss E. Greenhill, and A. J. A. Symons. The exhibition closes on Tuesday next.

Need for Revival

From Mr. A. J. A. Symons, the originator of the exhibition, we understand that its object is to awaken English bookbinders to a realisation of the deplorable state to which, he asserts, English bookbinding has fallen. The designers and producers of the bindings on view represent, in his opinion and that of many others, the only hope of a revival in the craft in this country which will enable bookbindings and bookbinders of this age to take their place honourably beside the craftsmen of earlier periods.

Mr. Symons has no quarrel with the bindings of the early craftsmen. He appreciates the skill and patience needed to produce them. They are artistically the outcome of a craftsman's mind, and are beautiful. But what he points to with concern is the work being produced to-day in the traditional style. These bindings, he says, possess no individuality or originality; they are but reproductions, slightly altered, of the designs which were first used centuries ago and

which they follow closely. He does not deny the skill still necessary to reproduce the designs on the leather; it is with the designs that he quarrels, pointing out that anyone with a knowledge of draughtsmanship can produce the like.

Expressing Individuality

Holding these views, Mr. Symons turns triumphantly to this exhibition, in which every one of the exhibits is separate and individual, the original result of the initiative and fecundity of the designer. Whether inferior or superior to bindings in the traditional style, these are commendable, he maintains, because they are experiments in design on bookbinding leathers. They are an adventure which no other age has tried, and, what is more, they undoubtedly appeal to the present generation. They are simple, usually dignified, and effective; and they require more than draughtsmanship in their production, and are in touch with the times. This latter is the main argument in their favour. The old intricate leaf-and-branch design is old-fashioned and no longer holds sway.

It is ironical, says Mr. Symons, that for 7s. 6d. books, and other comparatively cheap productions, designers are engaged, in order that the book may be cased in a cover that is in harmony with the inside contents, while for more expensive and lasting books the old-fashioned and well-worn style is still used indiscriminately. If the bookbinders who produce books of the latter class are to flourish (and at present business is slack) they must, Mr. Symons urges, engage, or co-operate with, clever designers who can meet the requirements of that ever-increasing body of clients who want something "different"—in short, books must be, outside as well as inside, in touch with modern life and thought.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTO-TONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6004. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATING MACHINES


CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER
Sales Agents, SHERIDAN MACHINERY CO., LTD., 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER
Sales Agents, SHERIDAN MACHINERY CO., LTD., 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"E"LESS" PILE AUTOMATIC FEEDER.**
Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd., Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL

FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "LIGHT'S EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.


JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS


 **NICKELOID ELECTROTYPING CO., LTD.** Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cormil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGHSPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: City 4943 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

Bookbinding Research in America

PRACTICAL BENEFITS ACCRUING

For several years now the Employing Bookbinders of America have been setting the pace for the book-binding industries of the world in the matter of applying scientific research to the problems of the bindery. Extensive work has been carried out, and valuable practical results have accrued, with the promise of more to follow.

The Binder's Materials

Specifications of materials have had a prominent place in the research work done, in which connection investigations have been made into imitation gold leaf, binders' pastes (a new and improved paste being evolved), leathers, cloths, boards, end papers, etc. Helpful information and advice have apparently been forthcoming in respect of all these items.

The association's latest annual report of research work, published last month, indicates still further progress made, resulting in reduction of cost or improvement of quality in many directions. Numerous tests were made for members individually, and various bulletins of information issued generally.

Beneficial Results

It is stated that the benefits to be derived from the research work are beginning to show in the quality of the materials purchased by the bookbinders. As a specific example of this, mention is made of the work on imitation gold leaf. The first investigation of that material indicated that the roll-leaf imitation gold possessed poor tarnish resistance as compared with the flat leaf. Several manufacturers of the roll leaf, as a result of the investigation, undertook to improve the tarnish resistance of their material. Their progress is indicated by a comparison of tests.

The data in the book cloth report is serving another useful purpose, in addition to furnishing the members of the association information regarding various grades of cloth. Several of the grades of book cloth and buckram included in the report are considered highly competitive, both in price and in quality. Tentative specifications for these grades have been developed, and await the approval of the book cloth manufacturers before being released.

The work on binders' board is progressing towards a successful conclusion. Tentative specifications have been developed for the various types of board used in bookbinding. These have been grouped together under the general classification, "Paper Board For Book Covers." The Trade Standards Section of the Bureau of Standards, Department of Commerce, has been asked to submit these tentative specifications to all interested manufacturers and users for approval. When sufficient approvals have been received by the Bureau, the specifications will be published as a trade standard.

Future Research Programme

As regards the future programme of research, it is suggested that four principal lines of endeavour should

be followed. First, and this is most important at the present time, the division should test materials purchased on specifications to see that they are of suitable quality. No benefit can be derived from testing materials not purchased on specifications unless the test data are used for specification purposes on future orders. Second, the work of preparing general specifications for use as trade standards should be continued. Third, attention should be paid to increasing the number of requests for information. If the inquiry cannot be answered immediately, steps will be taken to procure the necessary information. Fourth, it is suggested that visits to binderies by the association's Research Associate would serve a two-fold purpose. The bookbinder would benefit by getting first-hand information on his individual problems, while the Research Associate would become better acquainted with the numerous problems of the bindery. This should result in opening up a wider field of research, wherein the work could be made of still greater importance.

All this appears to indicate that binders in the States are progressing on lines that offer abundant reward to effort expended, and it would seem to suggest that more effort of a similar kind might well be put forth by British binders.

BOOKBINDING LEATHERS

*Manufacturers of High Class Leathers in all
shades and finishes in—*

**REAL NIGERS
SUMAC MOROCCOS
SUMAC CALF
PIGSKINS
PERSIAN GOATS
PERSIAN SHEEP
BASILS, SKIVERS
AND HIDES**

Established 1848

NICKERSON BROTHERS LTD

**99 and 101 Worship Street,
LONDON, E.C.2**

Works—ALSCOT ROAD, BERMONDSEY, S.E.1

NEW BRITISH PATENTS

The Group Abridgments can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2, either sheet by sheet as issued on payment of a subscription of 5s. per group volume, or in bound volumes price 2s. each, and the full specifications can be obtained from the same address, price 1s. each.

Applications

Baker, M. F., and Baker and Sons, Ltd., F. Hand-operated printing, etc., presses. 35,147.
 Burgess, A. F. (Kohler). Devices for delivering paper to printing presses. 34,631.
 Caddy, S. C. Paper sheets. 35,323.
 Davidson, A. J. Guard for guillotine cutting machines. 35,677.
 Dawson, Payne and Elliott, Ltd. Flat bed printing machines. 34,397.
 Edler, O. Device for use with rotary printing, etc., machines. 35,828.
 Fallows, L. F. Paper containers. 35,196.
 Gauba, J. Loose-leaf binders. 34,563.
 Gschöpf, R. Production of natural coloured images on paper, etc. 35,877; 35,878; 35,879.
 Harden, C. Loose-leaf binders. 35,119.
 Hermann, E. P. Paper containers. 35,192.
 Horton, F. F. Guillotine cutting machine for paper, board, etc. 34,749.
 Intertype Corporation. Vices for matrix composing, etc., machines. 34,585.
 Jones, P. H. Loose-leaf books. 35,313.
 Lancaster, A. L., and Lancaster, M. L. Sealing paper bags. 35,525.
 Levine, H. Cardboard packing for eggs. 35,275.
 Lougee, F. G. Doctor blade mechanism for intaglio printing machines. 35,881.
 Lougee, F. G. Printing machines. 35,882.
 Markwick, C. I., and Quick, C. G. Printing machines. 35,720.
 Miller, J. Moulds for electrotyping, etc. 35,901.
 Morland and Impey, Ltd., and Rendall, A. G. Rollers for printing machines. 35,185.
 Morland and Impey, Ltd., and Rendall, A. G. Paper sheets. 35,323.
 Morland and Impey, Ltd., and Horsfield, F. Loose-leaf books. 35,059.
 Norman and Son (Falcon), Ltd., T., and Watts, C. L. Cardboard, etc., boxes. 34,576.
 Obermuller, H., and Schulze, A. Apparatus for printing, etc. 34,608.
 Roberts, W. J. Type casting and composing machines. 35,213.
 Robinson, L. T. A. Rotary photogravure printing machines. 34,502.
 Robinson, Ltd., E. S. and A., and Robinson, H. G. Paper containers for milk, etc. 35,820.
 Smith, L. Apparatus for issuing gummed strip paper. 35,883.
 Stott, H. Guards for guillotine, etc., cutting machines. 35,515.
 Taylor, E. Z. Paper containers. 35,194.
 Wearham, J. Printing puzzle pictures. 34,781.

Specifications Published

1932

Daller Carton Co., Inc. Methods of making carton blanks and carton blanks obtained thereby. 402,922.

Filmer, R. H. Means for carrying and closing cardboard boxes. 403,086.
 Intertype Corporation. Type-line composing and casting machines. 402,809.
 Robinson, Ltd., E. S. and A., Robinson, P. G., and Sayer, A. E. G. Boxes, cartons, and like containers. 403,090.

1933

Adrema Maschinenbauges. Sheet metal strips for the forme cylinders or printing cylinders of rotary printing or duplicating machines. 403,044.
 Chamberlain, S. B. Guillotine paper cutting machinery and guards therefor. 402,958.
 Intertype Corporation. Melting pot for matrix-composing and type-line-casting machines. 403,048.
 Intertype Corporation. Type-line composing and casting machines. 402,841.
 Klinger, F. Envelopes and the like. 403,331.

Complete Specification Open to Public Inspection Before Acceptance

1933

Intertype Corporation. Casting pumps and matrix-composing and line-casting machines. 16,442.

Miss G. V. Woodman

(MANAGING DIRECTOR)
 takes this opportunity
 of reminding the
 Printing Trade that

FISHER Bookbinding Co. (1912) Ltd.

are specialists
 in the binding of
 TRADE CATALOGUES
 REFERENCE BOOKS
 ANNUAL PUBLICATIONS

and are licensees
 under the Master
 Patent for the new

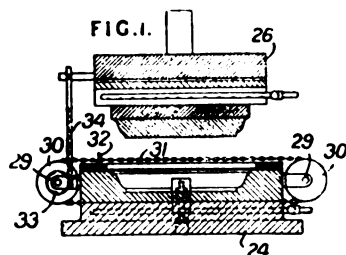
SPIRAX FLAT OPENING BINDING

ST. ANN'S WORKS,
 HERNE HILL, S.E.24
 Tel: Tulse Hill 6633 (2 lines)

NEW INVENTIONS

Embossing and Stamping Press

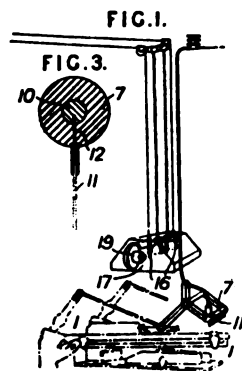
In a press for the forming of cardboard, pasteboard, or like articles by stamping between dies 24, 26, each article is removed from the machine after being ejected from the lower fixed die 24, by means of a bar 32 which is moved in a horizontal plane over



the face of the die 24. The bar 32 is carried by chains 31 passing over wheels 30 on shafts 29 mounted on the die 24 and operated by rack-and-pinion mechanism 34, 33 from the upper press-member 26. Beyond the die 24 is an inclined slide directing the article into a container. Lever mechanism may be employed to reciprocate the bar 32. Mr. E. Schmidt is the patentee. 396,655.

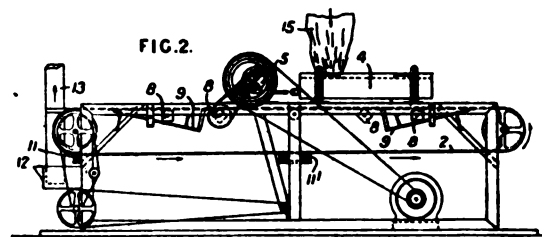
Setting Ink

A method of setting ink on a printed surface, as patented by the Sheridan Machine Co., Ltd., and M. A. Lawson, consists in subjecting the ink on the surface to the effect of heat and an electrical point discharge. The discharge, which serves to produce ozone, is obtained by a spark discharge from a series of points, formed by a number of spiral springs 11 mounted on wires 12, all of which are connected to a conductor 10 mounted within an insulating holder 7 and to which is connected one terminal of a high voltage supply, the other terminal being earthed. The apparatus for supplying heated air comprises electric heating elements 16 mounted within a burnished copper reflector 17, the air being directed past the heating elements on to the printed sheets, etc., by a blower 19. Both the heating and ozonising apparatus are mounted on the reciprocating delivery mechanism 1 of the press and extend laterally across the sheets, so that during the delivery movement the sheet is subjected to the effect of heat and during the return movement of the carriage to the effect of ozone in a heated atmosphere. The ink may be subjected to a further heat treatment subsequent to the discharge. The spark discharge serves in addition to neutralise any static electric charge on the paper, but this may also be done by subjecting the paper to the action of a point discharge before the heat and ozonising treatment. The apparatus may be arranged above or below the sheet. —387,763.



Bronzing and the Like

In this invention, patented by the Soc. Cartolux, a velvety appearance is produced on paper, metal, or other materials by applying adhesive to the whole or parts of the surface, e.g., by means of a printing-block, and sprinkling textile or like fibres in powder form on

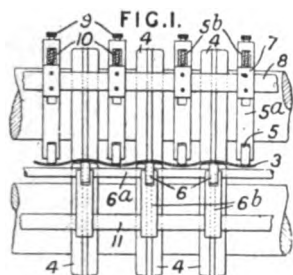


to the surface while subjecting the material to vibration to cause the fibres to stand up from the material, and to free the material from excess fibres, the cycle of operations being repeated, if desired, employing fibres of different colours. As shown, a reciprocating powder-applying device 4 actuated by a rotary eccentric 5 is provided in conjunction with an endless conveyer 2 the underside of which is acted on by rotary bars 8 of square or other polygon shape and by spring beaters 9 actuated by two of the bars. The

G. WELLS & CO.,
LIMITED,
PRINTERS' & PUBLISHERS'
ESTD. 1840. **BINDERS.** Phone: HOP 6658, 6659.
LOOSE LEAF
BINDING A SPECIALITY
Send us your enquiries for
LOOSE LEAF
CATALOGUE COVERS.
42 SOUTHWARK STREET
LONDON, S.E.1.

bars 8 are preferably arranged so as not to act simultaneously. Powder remaining on the band is removed by a brush 11 and falls into a box 12 from which it is returned by a suction device 13 to a bag 15 associated with the device 4. A further cleaning-brush 11' may be provided.—393,017.

Grooving Cardboard



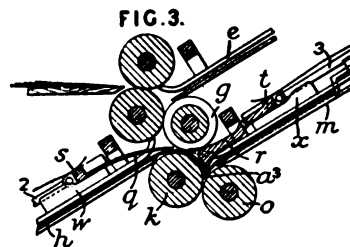
Apparatus for bending, creasing, or scoring cardboard or the like, in which the bends or creases are formed by the action of rotary tools, according to a patent by Messrs. Vickers-Armstrongs, Ltd., and Mr. J. N. Nasmith, is provided with means which buckle the board and impart thereto a contour of undulating or

multi-curvilinear form, before the boards are fed to the bending or creasing tools, without compressing them, thus providing between each pair of adjacent creasing or bending tools surplus material from which the additional matter required for the creases or bends can be obtained. The board 3, before passing to the bending or creasing tools 4, is reduced in its effective width by curving the board by means of upper rolls 5 and lower rolls 6, arranged as shown, whereby surplus material is obtained from which the additional material required for the creases, etc., can be obtained. The number of undulations formed and their extent depend upon the number of creases, etc., to be formed, the class and weight of the material, and the particular form of creasing or bending apparatus used. The rolls may be varied and for this purpose the rolls 5 are mounted in supports 5a carried by bearing blocks 7 horizontally adjustable upon a transverse bar 8, and for vertical adjustment the supports 5a are provided with slots 5b which embrace the blocks 7; the supports can be adjusted by screws 9 threaded into the blocks 7 and are normally urged upwardly by springs 10. The lower rolls 6 may be carried on a shaft 6a by supports 6b similarly mounted for horizontal adjustment on a bar 11. In a modification, when the creases, etc., are widely spaced, each lower roll 6 is situated below and between two upper rolls 5, which co-operate to produce curved portions separated by substantially rectilinear portions.—390,912.

Paper Folding Machines

In a paper-folding machine of the buckling type, patented by Messrs. Brehmer, Geb., a guide-member is provided which is retracted to allow a folded sheet to enter a buckling-plate and is advanced to guide the buckled sheet to the folding-rollers and also to prevent the edge of the folded portion of the sheet fouling the rollers. As applied to a machine for folding successively margins on the two ends of the sheet and then parallel folding along the centre line of the sheet, the sheet after entering the second fold-plate *h* is engaged by a guide *q* which prevents the folded margin formed by the first fold-plate *c* from rising and fouling the roller *g* as it leaves the plate *h*. The last fold-plate *m* imparts a central fold *a*³ to the sheet. As soon as the fold *a*³ is gripped by the rollers *k*, *o*, a guide-member *r* is slid forward so as to prevent the folded margins from rising and to ensure the proper forma-

tion of the fold. The guides *q*, *r* are carried by transverse rods *s*, *t* slidable along cams *w*, *x* into and out of position and are operated by connecting-rods 2, 3 from



adjustable cams on a driving shaft. A drop-roller operated from the same shaft feeds the sheets in timed relation to the operation of the guides.—391,549.

Stereotype Matrices

Under an invention by the assignees of R. Szymanowicz matrices, particularly those of fibrous character for casting stereotypes, are coated with a thin film of graphite applied in the form of an aqueous dispersion by brushing or spraying or in a machine. Preferably silicate of soda is also added to enable the impressed matrix to retain the impressions, and the fluidity, penetration, drying properties, and the like may be modified by the addition of natural colloidal clay, glycerine, soap, pulverised sugar, flour, or the like; a thickener, such as gum arabic, casein, or the like may also be added. The aqueous colloidal graphite may also be added to known matrix-coating compositions.—393,087.

When there must be NO MISTAKES use these

KIDD'S SET-OFF ELIMINATOR

Improves working of offset, litho and letterpress inks, aids absorption and prevents sticking. Very economical in use.

Price
3/-
per lb.



KIDD'S MATT DRIERS



Price
2/9
per lb.

An effective Drier for letterpress, litho and offset inks. Acts also as a reducer. Does not injure colours and retains matt effect.

KIDD'S PASTE DRIERS

Particularly useful when printing on hard surfaces. Does not reduce the body of the ink, nor impair "finish" or gloss.

Price
2/6
per lb.



Manufactured by

JOHN KIDD & CO. LTD.
10 & 11, WINE OFFICE COURT, FLEET STREET, LONDON, E.C.4

Mr. Williamson on Costing for Binders

Address to Bookbinders' Overseers Association

Mr. A. Williamson, secretary of the Costing Committee of the British Federation of Master Printers, attended the recent January meeting of the Printing, Bookbinding and Kindred Trades Overseers Association and dealt with many of the problems associated with costing in connection with the bindery.



MR. A. WILLIAMSON

Most of those present, said Mr. Williamson, were identified with the practical side of book-binding, and it was from that angle he wished especially to direct their attention to his remarks.

There were two sides to the costing question, he proceeded. There was the cost of the operation, and there was the amount of work produced in the time entailed.

"Chargeable" and "Non-Chargeable"

He would deal with the application of chargeable and non-chargeable operations before he went any further, but would like to say that the latter term whilst somewhat of a misnomer, was a term established by usage and they had got to accept it for the time being. Although it was admitted that certain operations were non-chargeable, the correct description was "indirectly chargeable" operations. Operatives sometimes objected to record their time as non-chargeable, contending that no employer would pay their wages for work done that was not to be charged. However, they knew as well as he did that there were certain operations which could not be attributed to any particular part of the order, and there must be some means whereby those operations would find their way on to the customer's invoice. Therefore an hourly rate had been set up to recover the costs that were not directly chargeable. There were said to be in the binding department fewer non-chargeable operations than in any other section of the printing industry.

Numerous Operations Involved

Besides the proportion of chargeable time being higher in the binding section; there was another feature of interest, and that was there were more operations. On the daily docket there were a large number of operations and these were indicated by figures, so that the records made by the operators provided an easy way of apportioning to the particular operation the time expended. Whilst he maintained that there were features operating on the cost of the work produced—the cost of the hour and the amount of work done in the hour—they must bear in mind that the best facilities possible must be given for the work to be produced, and that was a matter which concerned them as overseers.

Dealing with the question of piecework, Mr. Williamson said that this practice existed more in London, and was not so much in vogue in the provinces as it used to be. About piecework, the point he wished to make was that it was the general practice under the piecework wages system for costs to be recovered by adding a percentage on the expenses paid for wages. That was an unsatisfactory and inadequate basis on which to recover the costs of production, he contended. The only way in which they could properly recover the costs was on a time basis.

Apportionment of Overheads

As regards overheads, Mr. Williamson said these should be divided into two parts. First, there were such expenses as could be traced to particular departments, and these could be sub-divided into sections, especially in a large department. These expenses include such items as rent, rates, lighting, warming, repairs, power, etc. Second, clerical salaries, advertising, stationery, telephone, and such items that could not be traced to a department, were usually recovered by a percentage on the wages paid and the departmental expenses.

Mr. Williamson then dealt with a number of operations associated with the bindery, explaining as he went along their cost-allocation under the different heads of chargeable and non-chargeable operations. He then described fully what is generally known in costing as the "batch" system, which, formulated in 1931, groups together operations of a similar nature where there is a number of miscellaneous orders in progress, particularly in account-book binding.

The Overseers' Job

Alluding to what Mr. Williamson regarded as the correct function of the overseer, he went on to say that there were many working overseers in binderies. It was essential that if the overseer did any kind of manual work, he should make a record on the daily docket just the same as the operators under his charge. In this there was no necessity implied that he should account for the whole of his day's work. The speaker admitted that he was treading on dangerous ground when he proceeded to suggest that the overseer should not be responsible for making records of any kind. His view was that the overseer's job was to act as a production manager, and the making of records took from him the time that was necessary for overseeing the individuals under his charge. The overseer should be on the spot to see that the operator had the necessary facilities for producing the work in the best possible way and in the shortest time, and with the least possible waste of energy. The ideal overseer or foreman was the man who was moving about the floor of his department wherever work was being performed, and was sure to appear where the most difficult work was in progress. In short, Mr. Williamson said in closing, the ideal overseer was the man who was always at the bottle neck or danger point in connection with the work of his department or section.

The Late Mr. Percy Royle

Funeral and Memorial Service

The funeral of Mr. Percy Royle, chairman and managing director of Messrs. W. R. Royle and Son, Ludgate Square, London, who, as already briefly announced, passed away suddenly last week, took place on Friday at the Old Southgate Cemetery. A memorial service was held previously at Christ Church, Southgate.

The family mourners were Mrs. P. H. Royle (widow), Mr. and Mrs. Eric Royle (son and daughter-in-law), Miss J. Royle, Mr. Rowland Royle, Mr. and Mrs. J. Fowler, Mrs. Ronald Royle, Mrs. W. Royle, Mr. and Mrs. Leonard Royle, Mr. J. Royle, and Mr. and Mrs. Ralph Royle. The business was closed on Friday and many of the staff and employees were present at the service, while others present included Mr. Young (Messrs. Smith and Young) and Mr. Collins (representing the Trade Lithographers Section of the London Master Printers Association), and many personal friends.

Calendars, etc., Received

MESSRS. R. W. CRABTREE AND SONS, LTD., issue a monthly tear-off wall calendar which is a work of art. In keeping with the Crabtree Seal, produced in gold and red and affixed in central position, the picture of a girl's head is delightfully reproduced against a coloured mosaic background in medallion form. The printing, done on a Crabtree two-colour offset machine, is a remarkably effective example of two-colour work.

THE Caslon calendar for 1934 strikes a new note compared with Caslon calendars of past years. There are six cards, Spirax-bound at the head, and each bears an illustration of one department of the Caslon business, particulars of the production of each department being dealt with on the opposite side of the page.

A NOVEL calendar is that issued by Messrs. Comps, Ltd., trade Linotypers, of 15, Kirby Street, E.C.1. It combines calendar and type specimen book. Two boards are neatly cloth-hinged at the top. A monthly pad is attached outside, while a little story about the aims of the business and rates charged is on the inside front cover. Tabulated specimens of the type faces and borders available are provided in a series of pages which are included—a good idea well carried out.

THE monthly sheets of the calendar of the Manchester College of Technology illustrate "Old Manchester and District," each sheet bearing a picture delightfully reproduced by the Department of Printing and Photographic Technology. The processes used include letterpress (line, half-tone and lino-cut), photo-litho offset (line and half-tone), and photogravure (colour and monochrome).

COMMUNICATIONS received from the following are also cordially acknowledged: "Bury Times"; Smith, Greenfield and Co., offset printers, Borough High Street, London, S.E.

Greycaine Director Dies

Mr. Geo. Bowler

We regret to record the death at the age of 82 of Mr. Geo. Bowler, J.P., a director of the Greycaine Book Manufacturing Co., Ltd. Despite his considerable age Mr. Bowler had been actively engaged in business until a few days prior to Christmas. He will be greatly missed by his fellow directors who held him in high regard and esteem.

Mr. Bowler had been a director of the Greycaine concern ever since he became connected with it, about twenty-seven years ago. He was engaged on the managerial side of the business. Previous to that he was in Liverpool, where he was born. He became a chartered accountant in 1896 and was proprietor of a chartered accountants business, Messrs. T. Theodore Rogers, Bowler and Co., into which he went after his education was completed. He was well known, particularly in the insurance world, and was a Fellow of the Institute of Chartered Accountants.

Mr. Bowler was a public figure in Liverpool where he served on the Education, Estate, and Finance Committees, his connection with the Liverpool Council dating from 1909 till 1920 when he moved to Maidenhead. He was a valued member of the National Association of Trade Protection Societies.

He was buried on Tuesday last week at the Bells Hill burial ground, Barnet.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and italic)

GOTHIC, LINING
(eight sizes)

GOUDY

(bold and italic)

PASTONCHI

POLIPHILUS

PLANTIN
(light and 110)
IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

HONOUR FOR MR. W. C. FOSTER

DINNER AND PRESENTATION AT MANCHESTER

A delightfully informal gathering assembled at the Midland Hotel, Manchester, on Tuesday of last week to celebrate the 60th birthday of Mr. W. C. Foster, the representative in Manchester and the North of



MR. W. C. FOSTER

Stonhill and Gillis, Ltd., publishers of the *WORLD'S PAPER TRADE REVIEW*, the *BRITISH AND COLONIAL PRINTER* and *PAPER AND PRINT*. Mr. Foster is an outstanding personality in Manchester and he has won the esteem of a wide circle of friends by reason of his modest and unassuming bearing, his cheery disposition, and his readiness at all times to render a helping hand to anyone. The occurrence of his 60th birthday on January 7th provided a fitting occasion to bear testimony to those qualities. Mr. H. Redfern, assisted by Mr. T. Newlands and Mr. R. H. Parker, was responsible for organising a gathering of paper-trade friends, which took the form of a most enjoyable birthday party.

Mr. Fred. Booth presided, having Mr. W. C. Foster on his right hand and Mr. John Seddon, J.P., on his left. There were many surprises provided during the evening, one of which was the arrival of a huge birthday cake carrying sixty candles which, with the room in darkness, were lighted, adding to the festive character of the assembly. The proceedings were ably directed by Mr. T. Newlands, as toast-master.

After an excellent dinner, Mr. Redfern read a number of messages from friends expressing their

regret at unavoidable absence and testifying to the regard entertained for Mr. Foster.

The chairman, introducing the subsequent proceedings, said he had known Mr. Foster for over twenty years and he had never known him to go back on his word or fail to keep his promise. (Hear, hear.) He was a man of sterling worth and they thoroughly appreciated his industry, his tact and his patience in dealing with any matters, particularly those concerning the Press.

Having developed his eulogium, Mr. Booth asked the company to rise and drink the health of their guest. This was done with great heartiness, followed by musical honours and cheers for Mr. and Mrs. Foster.

The Presentation

Mr. Newlands then called upon Mr. John Seddon to make a presentation to Mr. Foster.

Mr. John Seddon, J.P., said until the dinner was practically over he had not the slightest idea that he was to have the honour of handing to their friend, Mr. Foster, that evening a token of the very great esteem in which they held him. However, he was delighted to be there and to perform that agreeable duty. Mr. Foster had reached three score years, and they hoped that he would be with them for many years to come, demonstrating that charming personality which had made him so popular, and they hoped Mrs. Foster would also be spared to share that joy with him. (Loud applause.)

Mr. Seddon then handed to Mr. Foster a handsome silver salver, which had engraved upon it the facsimile signatures of the following gentlemen who were identified with the gift: Messrs. F. Booth, R. H. Parker, T. Newlands, H. Redfern, C. A. Stead, H. Crossley, J. L. Oliver, H. H. Hebblethwaite, Fredk. Gillis, H. Whitehead, H. G. Phillips, T. Wilson, J. Seddon, J. R. Booth, T. W. Booth, J. Isherwood, C. Halliwell, J. K. Booth, K. Buchanan, G. Stuart Don, J. Lomax, H. Tanner, F. Hedley Greenhalgh, J. K. Malone, A. Charnock, H. O. Adams, F. Maguire, H. Eagland, A. Orr, J. Stuart, W. Niness, J. Tullo and T. T. McCrow.

Mr. Foster, who was warmly received on rising to reply, said: It is difficult for me to find words to express my appreciation and thanks for the honour you have done me this evening in asking me to be your guest and also for the very handsome presentation you have made to me, which will always be a very happy memento of my 60th birthday and a very memorable

LONGER LIFE—SHARPER IMPRESSIONS

GESTITE

ROLLERS

GESTITE ROLLERS, LTD.

FAWLEY ROAD, TOTTENHAM, LONDON, N17

TELEPHONE: TOTT 2204

and enjoyable evening spent with my friends in the trade. (Applause.) I would like to say that my firm also greatly appreciate the honour you have done me this evening, and I much regret that our principal, Mr. Fredk. Gillis, is unable to be with us, as he is just recovering from an attack of "flu," and as he is now approaching his three score years and ten it would not be wise for him to take any risks this inclement weather. His son, Mr. Stanley Gillis, is unfortunately laid aside with an injured knee and unable to travel. However, I am pleased to say that we have with us one of the directors, Mr. Adams, who is well known to many in the paper trade.

I take it as a very great compliment, and I am sure you all do, that Mr. John Seddon, J.P., has associated himself with this gathering and come along to take a leading part in the proceedings. (Hear, hear.) Mr. Foster proceeded to refer to others of his friends in the paper-making and allied trades. In conclusion, Mr. Foster thanked all of them for the very great honour they had paid him that evening, and for the very handsome gift.

Other Tributes

Various members of the company then added their tributes to Mr. Foster, and Mr. Foster acknowledged the kindly remarks that had been made concerning himself and his wife.

Mr. Parker, in a delightfully entertaining speech, proposed the toast of "The Press." Mr. H. O. Adams, in reply, conveyed expressions of appreciation and good wishes to Mr. Foster from 58, Shoe Lane; and Mr. Harold Phillips referred to the happy relations which existed between the firms of S. C. Phillips and Stonhill and Gillis.

On the motion of Mr. Halliwell, a cordial vote of thanks was passed to Mr. Redfern for the able manner in which he had organised that function, and Mr. Redfern suitably replied. Mr. Newlands paid a warm tribute to Mr. Fred. Booth, in proposing his health, and that gentleman responded.

The last toast was that of "The Toast Master," Mr. T. Newlands, proposed by Mr. Hedley Greenhalgh and enthusiastically endorsed.

Printers' Football Results

The second round of the Printers' Cup Competition was played on Saturday (13th) with the following results:—

Oyez	2 v. Crowther & Goodman	0
Cornwall Press	8 v. Waddingtons	2
Waterlows	3 v. Henry Good	2
Cannon House	4 v. Loxley Bros.	1

THE Leipzig Fair authorities are now busily engaged in completing the arrangements for visitors to the Spring Fair, which opens on March 4th and continues until March 10th, 1933. As usual, the Fair follows the British Industries Fair, and plans are now being completed whereby the majority of the overseas visitors to Olympia and the White City will be offered attractive facilities for a trip to Germany afterwards.

Printing Ink Firm Sued Damages for Traveller

In the Bow County Court, on Wednesday of last week, a claim was brought by George Lewis Muir, of 81, Grosvenor Avenue, Carshalton, Surrey, who sued Messrs. W. Ling, Ltd., of Abbey Mills, Canning Road, Stratford, E., printing ink manufacturers, to recover £56 9s. 4d. The plaintiff alleged that he had been dismissed summarily, was not paid the current week's wages, £4, and he claimed three months' money in lieu of notice. The defence was a denial that the defendant was on other terms than a three months' trial at £4 a week, and he was dismissed owing to his being wilfully impertinent, and refusing to carry out the orders of the manager. The case turned largely upon a change of manager, a Mr. Williams having been succeeded by a Mr. Woodward.

In addressing the jury, Judge Konstam said it was quite clear that the plaintiff had supplied information in accordance with his duties to the firm, week by week, and when asked to duplicate it, he told Mr. Woodward politely, as he said, that the information could be obtained from Mr. Williams, and he was now accused of being negligent and wilfully negligent, and impertinent. It was for the jury to decide whether that was so or not. In any case he must be entitled to £4 9s. 4d., and if they thought it was only a week-to-week engagement it would be £8 9s. 4d., but it was for them to decide what should be a reasonable notice for the plaintiff under the circumstances.

The jury retired, and returning into court, gave a verdict in favour of the plaintiff for £4 9s. 4d., and two months, eight weeks, notice-money—£32. Judgment was accordingly entered for the plaintiff, for £36 9s. 4d., and costs.

Judge Konstam, addressing the plaintiff, said: "You leave this court without the slightest slur on your business capabilities or capacity, although the defendant firm have done their best to cast a slur upon you."

'PHONE HOL. 0527

for

SKILLED CRAFTSMEN
(N.S.)

READERS ♡ COMPOSITORS ♡ LINO,
MONO AND INTERTYPE OPERA-
TORS ♡ MACHINE MINDERS (LITHO
AND LETTERPRESS) ♡ LAYERS-ON ♡
WAREHOUSEMEN AND CUTTERS ♡
GOLD BLOCKERS

**THE PRINTERS' PROVIDENT
ASSOCIATION**

21 CHARTERHOUSE ST., LONDON, E.C.1

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 22s., 21s. 6d., 6½ p.c. pref. 24s. 9d., 8 p.c. pref. 23s. 9d., 23s. 6d., 5 p.c. deb. 104½, 104½; Amalgamated Press (10s.) 21s., 7 p.c. pref. 24s., 23s. 10½d., 4½ p.c. deb. 102½; Argus Press Holdings 40s. 3d., pref. 20s. 1½d.; Associated Newspapers 28s., 28s. 1½d., def. (5s.) 21s. 4½d., 21s. 3d., 5 p.c. pref. 22s. 9d.; British Glues and Chemicals (4s.) 4s. 2½d., 4s., 8 p.c. pref. 22s. 7½d.; Buff Book 23s., defd. (1s.) 1s. 1½d., 1s. 3d.; Daily Chronicle Inv. Corpn. 7 p.c. 1st pref. 1s. 5½d., 1s. 3d.; Daily Mirror (5s.) 15s. 4½d., 15s. 1½d., 8 p.c. pref. 20s.; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 104½, 105; T. De La Rue 14s. 3d.; J. Dickinson 46s. 6d., 46s. 10½d., 4½ p.c. 1st deb. 103½; Financial Newspapers Proprietors 6s., 6s. 3d.; Financial Times 7 p.c. pref. 16s., 15s. 9d.; Greyfriars Press (4s.) 5s.; Illustrated Newspapers 9s. 7½d., 9s.; Industrial Newspapers 7½ p.c. pref. 8s. 6d.; Kelly's Directories 56s. 6d., 7½ p.c. pref. 30s. 3d., 30s. 4½d., 5 p.c. 1st mt. deb. 106½; Lamson Paragon 22s. 9d., 10 p.c. pref. 31s. 3d., 32s.; London Express Newspaper 35s., 35s. 6d., 7 p.c. pref. 23s. 6d., 23s. 7½d.; Monotype Corporation 32s. 6d. xd.; G. Newnes (10s.) 27s. 4½d., 5 p.c. 1st pref. 21s. 7½d., 7 p.c. 2nd pref. (10s.) 13s. 2½d.; Odhams Press (4s.) 9s. 1½d., 8s. 10½d., 6 p.c. pref. 23s. 6d., 23s.; C. A. Pearson 5½ p.c. pref. 20s. 1½d.; Portsmouth Newspapers 5 p.c. red. pref. 20s. 9d.; Sunday Pictorial 44s. 4½d.; R. Tuck 15s. 10½d., 5½ p.c. pref. (£5) 90s., 90s. xd.; United Newspapers 7½ p.c. pref. 4s. 4½d., 4s. 3d.; Waterlow and Sons defd. 17s. 3d., 17s. 10½d., 6½ p.c. pref. 23s. 4½d., 4 p.c. pref. 18s. 7½d.; Weldon's 10 p.c. pref. 21s. 6d., 6 p.c. pref. 20s.; Winterbottom Book Cloth 35s. 7½d.; Wyman and Sons 6 p.c. pref. 8s. 7½d., 8s. 9d.

New Companies

GEE MANUFACTURING CO., LTD.—Capital £20,000 in £1 shares; manufacturers of cardboard containers and receptacles, printers, engravers, publishers, advertising contractors and designers of advertisements, etc. Private company. Permanent directors: Leonard F. Gee (chairman and managing director) and John A. Gee, jr. Registered office: 41, North John Street, Liverpool.

NORTIER AND HARRISON, LTD.—Capital £5,000 in 3,000 "A" ordinary and 2,000 "B" ordinary shares of £1 each; printers, lithographers, colour process and half-tone engravers, etc. Private company. Directors: Armond Gintz, Etienne Gintz, Walter C. Warne and Eric J. Harrison.

S P I C E R S LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

Registered office: 38, Bedford Avenue, Trading Estate, Slough.

RICHARD HART, LTD.—Capital £7,000 in £1 shares; to acquire the business of Richard Hart, carried on by Hilda Hart at School Close Mills, Neville Street, Leeds, and to carry on the business of manufacturers of and dealers in machinery for printing, lithography, photographic printing, etc. Private company. Directors: Oliver Holmes and Miss Hilda Hart. Registered office: School Close Mills, Little Neville Street, Leeds.

LECTROLINE DRAWING MACHINERY, LTD.—Capital £3,000 in £1 shares; manufacturers of and dealers in printers' machinery, rollers, inks, papers, varnishes, colours, etc. Private company. Directors: Alfred P. Harrison, Wm. Vandy and Fred. W. Buzzacott (16/17, King Street, Cheap-side, E.C.2).

PILGRIM PRESS, LTD.—Capital £3,000 in £1 shares; proprietors and publishers of the "Kent County Journal" and of newspapers, journals, magazines, books, etc. Private company. Directors: Frank Dilnot (chairman), Thos. E. Dilnot and Chas. H. Wood. Solicitors: Blundell Baker and Co., 16, Serjeants Inn, E.C.

THOMAS DAVIES AND SONS (PRINTERS), LTD.—Capital £1,000 in £1 shares; to acquire the business formerly carried on by Mary Davies, David A. Davies and Wyndham Davies, at 93, Water Street, Port Talbot, and to carry on the business of printers, publishers, lithographers, engravers, typefounders, printers and publishers of books, magazines, newspapers, etc. Private company. Directors: Mary Davies, David A. Davies, Wyndham Davies and Wm. I. Davies. Registered office: Bank Chambers, Bethany Square, Port Talbot.

BLACKBURN HERALD, LTD.—Capital £1,500 in £1 shares (500 5 per cent. preference and 1,000 ordinary); to acquire the business of printers and publishers, carried on by Norman Walton and Richard H. Carysforth, trading as the "Blackburn Herald," at 19, Mincing Lane, Blackburn. Private company. First directors: Norman Walton and Richard H. Carysforth. Registered office: 19, Mincing Lane, Blackburn.

WAKEFIELD, HARRIMAN AND CO., LTD.—Capital £1,000 in £1 shares; to acquire the business of Hatton Garden Press, general printers and stationers, carried on by May C. R. Harriman, at 30, Kirby Street, Hatton Garden, E.C.; and the business of factors, manufacturers and agents, etc., carried on by Fdk. M. Wakefield and May C. R. Harriman at 30, Kirby Street, Hatton Garden. Private company. Permanent directors: Mrs. May C. R. Harriman, Sidney R. Harriman, Mrs. Ida E. Wakefield and Fdk. M. Wakefield. Registered office: 30, Kirby Street, Hatton Garden, E.C.

J. H. EDWARDS (MOLD), LTD.—Capital £1,000 in £1 shares; to adopt an agreement with J. H. Edwards and to carry on the business of printers, engravers, publishers, book and print sellers, bookbinders, art journalists, newspaper and magazine proprietors, stationers, etc. Private company. Directors: Job H. Edwards (chairman and managing director) and Mrs. Mair G. Edwards. Registered office: Grosvenor Street, Mold, Flint.

J. F. MONKS (DONCASTER), LTD.—Capital £600 in £1 shares; to acquire the business of a printer and stationer, bookbinder, etc., heretofore carried on by James F. Monks, at 9, Hall Gate, Doncaster, and 9a, King Street, Thorne, Yorks, as "J. F. Monks." Private company. Permanent managing director: James F. Monks (9, Hall Gate, Doncaster).

SOUTH COAST NEWSPAPERS, LTD.—Capital £14,000 in 12,000 7½ per cent. participating preference shares of £1 and 16,000 ordinary shares of 2s. 6d. each; to acquire the business of The Display Publicity Service (Hastings), Ltd., of Trinity Street, Hastings, Sussex, and to carry on the business of newspaper, magazine and periodical proprietors and publishers, advertising agents, etc. First directors: Patrick Miles Ueyatt (permanent), Harold Dutton and Charles Gillatt. Registered office: 6, Trinity Street, Hastings, Sussex.

G. DODGSHUN (LEEDS), LTD.—Capital £2,000 in £1 shares; to acquire the business of a paper, twine and general merchant carried on by C. Dodgshun at Bath Road, Water Lane, Leeds, and to carry on the business of manufacturers of and dealers in paper bags, tubes and similar goods, etc. Private company. First directors: Geoffrey Dodgshun and John W. Dodgshun. Solicitors: Clegg and Baines, 2, Bond Place, Leeds, 1.

JOHNSON AND BACON BROS., LTD.—Capital £1,500 in £1 shares; manufacturers of and wholesale and retail dealers in all kinds of boxes, cases and other articles made of cardboard, pasteboard, wood, paper, pulp, fibre, leather, cotton, silk, linen and other suitable material, etc. Private company. Permanent director: Geo. H. Bacon. Solicitors: Forsyth, Bettinson and Co., 11/12, Bennett's Hill, Birmingham.

Increases of Capital

CLARION PRESS, LTD. (newspaper proprietors, etc., 2, Carmelite Street, E.C.4).—The nominal capital has been increased by the addition of £1 beyond the registered capital of £500. The additional capital is divided into one 5 per cent. preference share of £1.

R. H. F. W. BERNARD, LTD. (advertising contractors, etc., 18, York Buildings, Adelphi, W.C.2).—The nominal capital has been increased by the addition of £10,000 beyond the registered capital of £5,000. The additional capital is divided into 5,000

Comps

LTD.

LINOTYPERS TO THE TRADE

LET US QUOTE

The extra efficiency we are able to give you, an ever-ready DAY and NIGHT SERVICE, and in cases of urgency, EXPRESS MOTOR DELIVERY, is worth at least something.

And our price, by the time the job is finished, has been proved to be the CHEAPEST in the Trade.

Some of our type faces:

- 14pt. Cheltenham Wide with Cheltenham Bold.
- 12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).
- 12pt. Kennerley and Italic.
- 12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.
- 12pt. Modern with Doric and Italic.
- 11pt. Scotch and Italic.
- 10pt. and 8pt. Cheltenham Wide and Italic.
- 10pt. and 8pt. Book-print and Cloister Bold.
- 10pt. and 8pt. Garamond and Italic.
- 10pt. Modern and Italic.
- 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.
- 9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

ordinary and 5,000 preference shares of £1 each, ranking *pari passu* with existing shares.

Mortgages and Charges.

PRINTING PROPERTIES, LTD. (41, Tabernacle Street, E.C.2).—Particulars filed of debentures, not exceeding £2,000, authorised December 22nd, 1933, charged on the company's property, present and future, including uncalled capital, the amount of the present issue being £200.

W. J. HAY AND Co., LTD. (wholesale manufacturing stationers, etc., 223, Philip Lane, Tottenham).—Mortgage dated December 30th, 1933, to secure £5,000, charged on properties in Tottenham, Hornsey and Islington. Holders: British General Insurance Co., Ltd., 66, Cheapside, E.C.2.

NORTHANTS ENGINEERING Co., LTD. (motor, mechanical, electrical, printers' and box-makers' engineers, etc., The Riding, Northampton).—Debenture dated December 16th, 1933, to secure £2,500 charged on the company's undertaking and property, present and future. Holders: F. A. Saunders and Co., Ltd., 5, Lavington Street, S.E.1.

CROSBY LOCKWOOD, LTD. (publishers, etc., 7, Stationers' Hall Court, E.C.4).—Satisfaction to the extent of £7,936 on September 4th, 1933, of trust deed dated November 17th, 1932, and registered November 25th, 1932. (Notice filed January 3rd, 1934.)

AIRWAYS PUBLICATIONS, LTD. (4, Clements Inn, W.C.2).—Issue on January 3rd, 1934, of £550 debentures, part of a series already registered.

PUBLICITY CONTRACTORS, LTD. (23, Knight rider Street, E.C.4).—Debenture, dated December 15th, 1933, to secure £1,000, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: Frank S. Bond, 32/4, Great Peter Street, Westminster, S.W.1.

Receivers Appointed or Released

MACHIN (PRINTERS), LTD. (Victoria Street, Sheffield).—J. A. Darwent, of 5, Paradise Square, Sheffield, ceased to act as receiver on December 9th, 1933.

SHIP PRESS, LTD. (163, Edward Street, Brighton).—H. A. Kinney, C.A., of 46, Preston Street, Brighton, was appointed receiver and manager on December 19th, 1933, under powers contained in debentures dated August 11th, 1933.

METAL COLOUR PRINTERS, LTD. (203, Devons Road, Bromley-by-Bow).—S. G. Ginzler, of 19E, Juniper Street, Shadwell, E.1, ceased to act as receiver and/or manager on December 5th, 1933.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour **BLOCKS**. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

BARCLAY Treadle Paging Machine, two sets wheels. Full particulars from Box 16136.

CROWN FOLIO Reddish Jobber, Treadle and Power, £30. Seen by appointment only.—"Chemist," 184, High Street, Penge, S.E.20. 16137

DAWSON, Quad Royal **WHARFEDALE**, Balanced Flyers, Geared Inking, etc.—Apply Box 16142.

ELLIOTT AND CO., Quad Crown **WHARFEDALE**, Balanced Flyers, Geared Inkers, Geared Distributors and Cutter, Air Buffers, etc.—Box 16139.

FALCON PLATEN, excellent condition, low price. Can be inspected at 131, Finsbury Pavement, E.C.2. 16121

FURNIVAL Demy Wharfedale, Power, Double Drive; in perfect order.—Box 16133.

MAN'S 64in. x 44in. Direct Rotary **LITHO MACHINE**, individual drive, in very good condition.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

PHOENIX PLATEN No. 4, nearly new, hardly used. Particulars from 131, Finsbury Pavement, E.C.2. 16122

TWO-COLOUR WHARFEDALE (Double Demy), in excellent condition; rebuilt.—Box 16140.

WHARFEDALE, Double Demy, Dawson, with Geared Inkers; overhauled; cheap.—Box 16141.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing **RISCATYPE**. 15732

**THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.**

PHONE
GERRARD 3664 (4 LINES)
The
**WEST END
ENGRAVING
COMPANY LTD
17, ST. ANNE'S CT.
WARDOUR ST. W1**

WANTED

BUSINESS

WANTED.—**SMALL PRINTING OFFICE**. Must be genuine and stand investigation. Replies, in strictest confidence giving full particulars, to Box 16123.

SITUATIONS WANTED

BINDER, Letterpress and Stationery Forwarder, seeks situation.—4, Hill Crescent, Surbiton, Surrey. 16130

BINDER seeks situation; Account, Publishers, Misc., or Cutter. Young, N.S.—B., c/o Mrs. White, 94, Shakespeare Road, Herne Hill, S.E.24. 16131

COMP, display, job., make-up, advts.—9, Evelina Road, Nunhead, S.E. 16125

COMP-MACHINIST (N.S.), Platens, General Jobbing, Display and Commercial; proficient.—Write Box 16132.

COMP., N.S., seeks sit.; first-class Hand, used to Stone, etc.—Hodge, 2, Cobden Road, S.E.25. 16143

"D" OPERATOR, age 23; L.S.C., 2 years all classes work, also "D.D."—Bennett, 11, Arlington Road, Teddington, Mdx. 16129

PLATEN Minder, experienced General work, several machines.—Simester, 5, Cremorne Road, S.W.10. 16127

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to **SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR** for the Printing and Allied Trades (London Area), at short notice. No charge. Phone Holborn 0527. 15931

YOUTH, five years' experience single and two-colour Wharfedale machines, seeks change.—E. Croxford, 18, Howard Road, London, N.16. 16124

MISCELLANEOUS

TO PROGRESSIVE PRINTERS: An extensive supply of good work in all branches is open to large firm, with services of efficient and practical representative with own car.—Box 16128.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

**INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS**

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

143, Fleet Street
LONDON, E.C.4

DATE BLOCKS

"OXFORD"
Series of

DATE BLOCKS
WIDDOWSON & Co.,
LEICESTER.

ENGRAVERS

EMBOSSING BLOCKS & STEEL DIES



MINTON & CASEY LTD.
ARTISTS ENGRAVERS DIE-SINKERS
FOR
BOOKBINDERS · XMAS CARD M^{ns} · STATIONERS · GOLD BLOCKERS
1 Clerkenwell R^d · London E.C.1

ESTABLISHED 1887

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHURE -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2

H.E.W. JOHNSON LTD
METANA HOUSE HIND COURT FLEET ST LONDON E.C.4

IMITATION BOOK CLOTHS

**GARWOOD &
MUDDIMAN
LTD.**

FIBRETTE & CLOTHETTE
CHEAPEST STRONGEST BEST
WRITE for SAMPLES

40 SOUTH LAMBETH RD
LONDON, S.W.8

Telephone: Reliance 2922

Telegrams - Vindico Claproad London

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

"Chronicle" House, 72-78, Fleet St.
London, E.C.4

Telephone: Central 6678

Telegrams: "Printauct, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

LAW FOR PRINTERS AND PUBLISHERS

PRICE 17/6 (Postage Extra)

An extremely useful book of
reference. Should be in the hands
of all **MASTER PRINTERS**

BOOK DEPT.

STONHILL & GILLIS LTD.
58, Shoe Lane, London, E.C.4

OUR TELEGRAPHIC ADDRESS IS

METALS

FOR 70 YEARS WE HAVE MADE PRINTING

METALS

WE DEAL EXCLUSIVELY WITH

METALS

SEND US YOUR ENQUIRIES FOR

METALS

WE GUARANTEE SATISFACTION

T. G. & J. JUBB, LIMITED

JACK LANE, HUNSLET,

LEEDS

The Winterbottom Book Cloth Co., Ltd.



Registered Office :

12, Newton St., Manchester

London Office :

60, Wilson St., Finsbury, E.C.2

Manufacturers of—

Bookbinders' Cloth, Label Cloth

Morocco Cloth, Buckram, etc.

Telegraphic Addresses :—"FLOVAL, MANCHESTER"—"FLOVAL, FINSQUARE, LONDON."

Telephone :—MANCHESTER : "CITY 4644"—LONDON : "BISHOPSGATE 7518 and 7519"

Z
119
1386
PROCESS BUY  **BRITISH** **COPPER**

THE BRITISH AND COLONIAL PRINTER

AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 274

LONDON: January 25, 1934

EVERY THURSDAY
PRICE THREEPENCE



PORTRAIT OF A PRETTY GIRL

Very soon now, these solid metal ingots, prosaic and unlovely—will be transformed by delicate process and skilful hands into the soft contours of a pretty girl's face—and a myriad other subjects • There are romantic stories even in the hard-bitten world we know—but they are stories that can be told by craftsmen only—such craftsmen as Briggs.

BRIGGS · ENGRAVERS & STEREOTYPERS
TUDOR HOUSE · CHICHESTER RENTS · CHANCERY LANE · W.C.2. PHONE. HOLB 3144-8

2/3rds OF BRITAIN'S PRINTING METAL IS FRY'S METAL

PROCESS ENGRAVING SERVICE

LONDON

Name	Address	'Phone
ALEXANDER, GEORGE & CO., LTD.	39-40 Shoe Lane, E.C.4	Cen. 5801-2
ART REPRODUCTION CO., LTD.	3 & 4 Plough Court, E.C.4	Cen. 5555
AVERYS SERVICES, LTD.	37-41 Lower Marsh, S.E.1	Hop. 4027-9
BRIGGS, W. G., & CO., LTD.	Chichester Rents, W.C.2	Hol. 3144
BURLINGTON ENGRAVING CO., LTD.	318-326 Goswell Road, E.C.1	Cle. 7824
CHILDS, DAVID, LTD.	5 Great New Street, E.C.4	Cit. 3049
DALZIEL FOUNDRY, LTD.	19-31 Earl Street, Finsbury, E.C.2	Bis. 6742
DELLAGANA, B., & CO., LTD.	11 Shoe Lane, E.C.4	Cen. 2736
DIRECT PHOTO ENGRAVING CO., LTD.	38 Farringdon Street, E.C.4	Cen. 6886-1086
ELVIN ENGRAVING CO., LTD.	44 Gerrard Street, W.1	Ger. 2141
GARRATT & ATKINSON	Warwick Works, Ealing, W.5	Eal. 1760
GEE & WATSON, LTD.	111 Shoe Lane, London, E.C.4	City 7257-8-9
GROUT ENGRAVING CO., LTD.	4-7 Red Lion Court, E.C.4	Cen. 6421
HUDSON & KEARNS, LTD.	Hatfield Street Works, S.E.1	Hop. 4900
KNIGHTON & CUTTS, LTD.	Denman Place, Piccadilly, W.1	Ger. 5231
MARSHALL ENGRAVING CO.	12 & 14 Farringdon Avenue, E.C.4	Cen. 4626
MURRAY & EADE, LTD.	40-1-2 Kirby St., Hatton Garden, E.C.1	Hol. 6421
NAPIER, F. C., & CO., LTD.	11 Baldwin's Place, E.C.1	Hol. 7711
NICKELOID ELECTROTYPE CO., LTD.	Printer Street, E.C.4	Cen. 9791
PRACTICAL ETCHING SERVICE LTD.	53-6 Great Sutton Street, E.C.1	Cle. 4861-2
RUMPH & WAITE, LTD.,	26-28 St. Bride Street, E.C.4	Cen. 3533-4
SEDGWICK, W. F., LTD.	7 Great New Street, E.C.4	Cen. 1756-8
STAR ILLUSTRATION WORKS, LTD.	D'Arblay Street, W.1	Ger. 3033
STRAND ENGRAVING CO., LTD.	83 Long Acre, W.C.2	Tem. 6311
SUN ENGRAVING COY., LTD.	Milford House, Milford Lane, W.C.2	Tem. 8251
SWAIN, JOHN, & SON, LTD.	89-92 Shoe Lane, E.C.4	Cen. 9333
VAUS & CRAMPTON, LTD.	31 Kirby Street, E.C.1	Hol. 2536
VITTY & SEABORNE, LTD.	132-5 Long Acre, W.C.2	Tem. 6389
WALTON, JONES & GREEN	43 Kirby Street, E.C.1	Hol. 2849
WATERLOW & SONS, LTD.	26 Great Winchester Street, E.C.2	Lon. 4008
WEST END ENGRAVING CO., LTD.	17 St. Anne's Court, W.1	Ger. 0655

PROVINCIAL

"ACE" ENGRAVERS, LTD.	65 Livery Street, Birmingham	Cen. 2072
DELLAGANA, B. & CO., LTD.	62 Greengate, Manchester	Bl'friars 5263
ENTWISTLE, THORPE & CO., LTD.	29-31 King St., West, Manchester	Bl'friars 5704-5
GILCHRIST BROS. LTD.	Claypit Lane, Leeds	Leeds 20463
HAMEL, E., & CO.	25 Palmerston Street, Nottingham	Nott'm 41547
NORTON, BURMAN, & CO.	7 Boar Lane, Leeds	Leeds 24447
THE BRITISH PHOTO ENGRAVING CO., LTD.	18 Hertford Street, Coventry	Coventry 4088

MEMBERS OF THE FEDERATION OF MASTER
PROCESS ENGRAVERS CAN BE RELIED
UPON FOR EFFICIENT SERVICE FOR
ILLUSTRATION OF EVERY DESCRIPTION.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 274

LONDON : January 25, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

WORK is keeping up fairly well, especially on the general side. Commercial printing is also perhaps a little better than it was, though the bottom has nearly been knocked out of that section of the trade by office printing machinery and the price-cutting tactics of printers themselves.

* * *

Sequel to Price-Cutting

THE sequel to this sort of thing is rapidly becoming visible in the increasing number of printing houses that are going out of business. Equally obvious would seem to be the fact that the most likely-looking offices to-day are those whose activities are mainly concerned with printed publicity and what we may term general printing.

* * *

Consolidating a Lowered Status

REFERENCE to the printing establishments that have failed to last the pace they have in some cases been instrumental in setting awakens the thought that they are leaving a dangerous legacy. We have observed a tendency for the low price-level to become stabilised through acceptance by successors. The firms who have had the advantage of cut-throat prices and who have lost their benefactor hold out their business as bait for the competition of fresh aspirants for the post of

patron. Their insistence is a price no more than they have paid, and less if possible. Apparently there are still hungry printers ready to take work at any figure, and they fall to the temptation. So the opportunity of bettering things when the occasion arises through the departure of the fallen is lost, and we deliberately choose to consolidate a bad position with our eyes fully open to the folly of it.

* * *

Giving Profits Away

It is remarkable to what lengths some printers will go in their anxiety to book business, quite apart from the simple matter of price-cutting. We are thinking of such things as carrying stock, storing matter and standing formes free of cost, splitting costs over a period of repeats, extending credit, and so forth. Compared with some of these factors, merely to sink the privileges attached to customs and conditions is a small unimportant thing. Carrying stock to oblige a customer and gain a double order is surely a doubtful score. The customer gets the benefit of a quantity price for a smaller lot. The printer finances him for the bulk of his order (if it is an order). The risks are with the printer as well as the cost, and they are many. To begin with, there is risk of fire, water, accidental damage or deterioration.

ON OTHER PAGES

	PAGE
Personalia	74
Home Counties Printers Make History—	
Apprentices Group Meeting	76
Adhesives in the Bindery—	
Stationers' Hall Lecture	84
New British Patents	85
The All-Purpose Linotype—	
Demonstrated to L.S.C. Jobbing Guild	86
Overcoming Obstacles in Selling—	
Mr. C. C. Knights at Central M.P.A.	90
Hours of Work and Employment	93
Let the Picture Help! Why Not Illustrate Our Novels?—	
By Arthur Knighton	94
American Book Illustration	95
Cold Enamel Method of Block-Making	96
Process Personalities—	
William Bell Hislop	97
"Nickeloid News"	98
Printers' League Football	98
Death of Mr. Harry Williams	100
S.-E. London Master Printers	101
Commercial Review	102

There are all the possibilities of alteration, obsolescence, and changes in management with changes in views. There is cost of insurance and storage as well as cost of maintenance, and possibly there is bank overdraft. Over a given period profits turn to losses when stock is carried and the wise printer calculates and records it. But then of course the wise printer does not commit the folly.

* * *

Standing Matter

STANDING matter—this used to be fat or folly according to circumstances. Rightly resorted to, and with the support of a bright and live organisation, the economy of standing matter was a thing

highly appreciated and contributory to good profits. Where there was not the requisite organisation, standing matter was, and is, more likely to become a standing disgrace. Many an office has owed its downfall to the extravagance of standing matter—masses of it kept up and never used; never looked after nor looked for. Fresh and repeated purchase of material forced through shortage, standing jobs picked so badly as to lose vast amounts of time in re-assembling. Enough has been written and said of standing matter and on the subject of efficiency in the composing room to make one think there could be no printer who did not thoroughly understand the need for controlled system and orderliness.

PERSONALIA

Mr. W. H. Sessions, vice-president of the British Federation of Master Printers, proposed the principal toast at the annual dinner of York Chamber of Trade last week. In extolling the natural advantages of York, he mentioned the success of the printing industry in the city.

Councillor James Penny, who has been placed on the Commission of the Peace of Stockport, was warmly congratulated thereupon at the recent monthly luncheon of the Stockport Master Printers' Association. Mr. Penny served two years as Mayor of Stockport.

Sir William Ray, M.P., executive chairman of the British Electrical Development Association, gave an address on Monday to the London Publicity Club on "Advertising Electricity."

Mr. C. Nicholson, of Messrs. Beck and Inchbold, Leeds, has been elected president of the Leeds branch of the Typographical Association.

Mr. C. Hollinshead, of the editorial staff of the "Exeter Express and Star," has received a staff presentation on leaving to become assistant editor of the "Derby Evening Telegraph."

Lord Leverhulme has consented to take the chair at the annual festival dinner of the Newspaper Press Fund next year. His father presided at the dinner in 1922.

Mr. H. Hoppé, after fifty-two years' service with Wiggins, Teape and Co., in the course of which he has made many friends in the printing and allied trades, has, on his retirement, received a handsome cigarette box from the firm.

Mr. Max Andrews, who has recently been appointed publicity manager of Messrs. Thomas H. Parker, Ltd., 28, Berkeley Square, the print-sellers, is the younger son of the managing director of Messrs. Wickes and Andrews, Ltd., the London printers, and was for some time manager of their lithographic department.

Mr. William Bottomley, a member of the linotype staff of the "Yorkshire Post," has retired after over forty years' service.

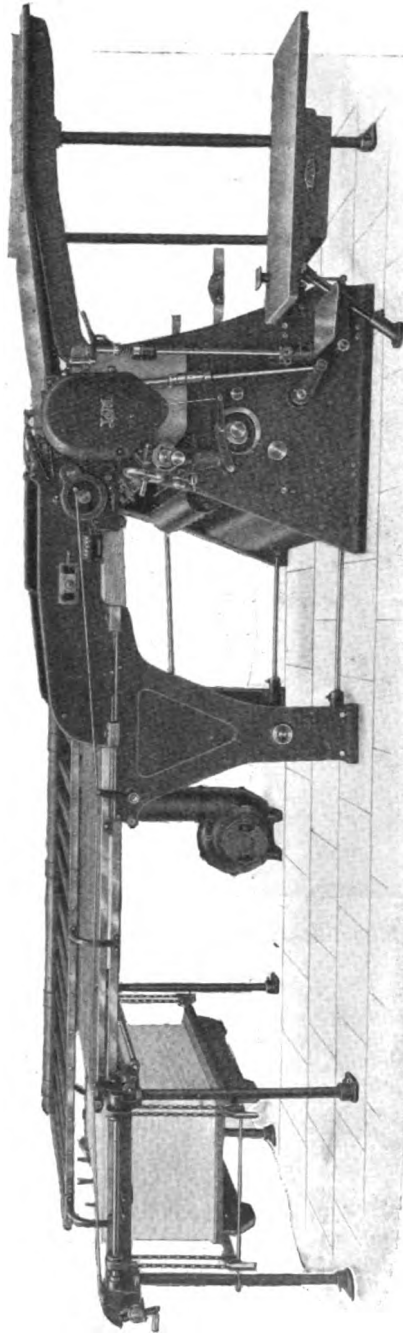
Mr. R. C. Coldrey, who for a long period has been deputy overseer of the case-room of the "Portsmouth Evening News," has received a staff presentation on his retirement.



THE FEDERATION OF MASTER PROCESS ENGRAVERS HAS DEVELOPED THE PROCESS BLOCK AND PLACED AT YOUR SERVICE THE POWERFUL SELLING FORCE OF MODERN ILLUSTRATION—USE MORE BLOCKS

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS

Monochrome and Multicolour Photogravure Work from Thin Copper Plates



More work than ever is being printed by the photogravure process; big buyers of printing prefer it for very many of their items; large national advertisers are using it in greater quantities; the field of intaglio printing generally is extending rapidly

The accompanying illustration shows a No. 4 Jomtaglio equipped with drying apparatus and pile delivery. If it interests you write to Linotype & Machinery Ltd., 9 Kingsway, London, for full particulars and specimens of its work.

Home Counties Printers Make History

Successful Apprentices Group Meeting

The Future of Print

To those who question the virility of the Federation of Master Printers there is always answer enough in the Home Counties Master Printers Alliance. This is to make no criticism of any of the other Alliances. But it was "Home Counties" that gave us the Y.M.P. movement, which was born way back in 1924 at the now historic conference at Jordans. The success of that movement is now plain for all to see. There is no doubt that the old school is passing, and the coming generations will have to meet the problems of a new world. There are even now those who say "The country is going to the dogs, sir," the inference being that the younger generation is hopelessly incompetent to shoulder its responsibilities. The keenness of those young men who have made the Y.M.P. movement a live entity has confounded all the critics of that movement, and the way in which the members of it have seriously tackled the problems of their inheritance has astonished everyone. So much for the potential master printers. But what of the craftsmen? The President of the Federation has upon more than one occasion said that posterity will judge the present era of print more by its quality than its quantity, great though it is. That statement is in our opinion profoundly true. The maintenance of the quality of print depends largely upon the craftsmen, and it is the craftsmen of to-morrow to whom we have to look for the maintenance and improvement in the already high standards of the quality of print. The craftsmen of the future are the apprentices of to-day, and it is here that Mr. Sydney Hudson, the president of the Home Counties Master Printers Alliance comes into the story.

Mr. Sydney Hudson

A word about Mr. Hudson. As a boy he was definitely minded to go into print. His relatives, however, with the superior intelligence of relatives, decided he should be an engineer. More fortunate than many square pegs doomed to spend the rest of their lives in round holes, he had the good fortune to meet a



MR. SYDNEY HUDSON

gentleman who secured him a post in Messrs. Cassell's reading department. This decided the question, and young Hudson won his victory, it being decided that he should follow his bent. He was finally apprenticed to Messrs. Gilbert and Rivington. The excellence of his reports from the Borough Polytechnic, where he was studying, caused Mr. R. J. Lake, managing director of the firm and later Director of the Federation of Master Printers, to take a personal interest in him, and he was placed in charge of the costing and estimating for the composing department and later the printing department. He was subsequently employed by Bradbury, Agnew, at Tonbridge, where he gained experience of contract work. Twelve months later he went to Messrs. J. J. Keliher, having charge of the white and printed paper department and later of the estimating and buying. Whilst with Messrs.

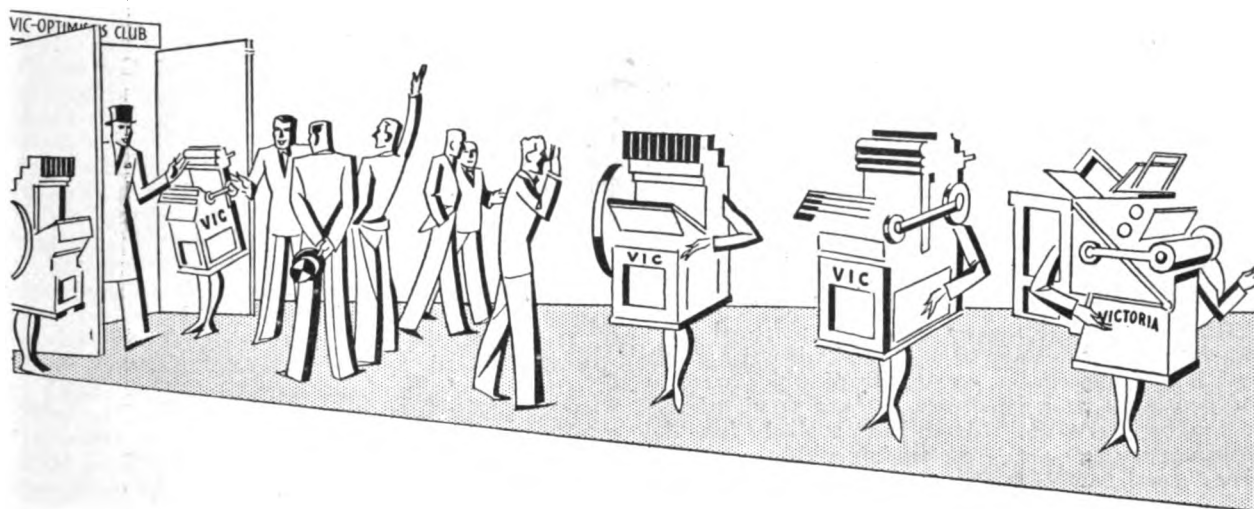
Keliher his period of apprenticeship expired, but he continued with the firm until he secured a position with the Menpes Printing Co., Ltd., Watford, first as estimating clerk and finally as works manager. The Menpes Press was absorbed by the Sun Engraving Co., Ltd., in 1918, and Mr. Hudson thereupon started his present business of Hudson and Stracey, Ltd. This business, started in 1922, has been a most successful one. Mr. Hudson takes a keen interest in the printing classes at the Watford Technical School, and is upon the Advisory Committee dealing with this section.

As the Home Counties Master Printers Alliance is one of the most active of the Alliances of the Federation, so it has been fortunate in its succession of live presidents. Mr. Hudson is no exception to the rule. He has always remembered the great help he received from Mr. Lake in forming his career and has, in consequence always has the keenest interest in young men starting their careers in the printing trade.

Apprentices' Competition

As a result of Mr. Hudson's personal efforts, the Alliance issued a notice during last year announcing

The VIC-OPTIMISTS' CLUB has room for more members



THINGS are on the up-grade. Encouraging orders are again finding their way through the printer's letter-box. Now is the time to become a VIC-OPTIMIST. Every VIC-OPTIMIST has equipped himself to handle more and better business. He knows that he can handle any job satisfactorily, quickly, economically. He has installed up-to-date machinery—machinery that he can rely on—VICTORIA Automatic Platens and Cylinders. The question of outlay was no worry. We were able to arrange terms of payment entirely satisfactory to him, and can do so for every new member.



**JOIN THE RANKS
OF SUCCESSFUL
PRINTERS WHO
ARE MEMBERS OF
THE
VIC-OPTIMISTS'
CLUB**

HOW TO JOIN

Write for full details of the latest Victoria Automatic Platens and Cylinders.

FRANK F. PERSHKE LIMITED

NORFOLK HOUSE, NORFOLK STREET, STRAND, LONDON, W.C.2

Telephone : Temple Bar 8371-2.

Works : Balham, S.W.17

Agents for Lancashire area : Messrs. GEORGE HARTLEY & SONS, 5, Chepstow St., Oxford St., Manchester.
Agents for Nottinghamshire, Derbyshire and Lincolnshire : Messrs. JONES & KAY, Granby St., Nottingham.

the particulars of an Apprentices Competition and Group Meeting. The competition covered the following departments and sections: Composing (hand or machine), letterpress printing (platen or cylinder), lithography (press or machine), bookbinding (vellum or letterpress) and stereotyping (flat or rotary). The competition was to be open to all indentured apprentices of the age of 18 years and over, employed by members of the Alliance.

The work was to consist of two items: 1. An essay (not to exceed 400 words) on the work upon which the apprentice is specifically engaged, setting out the advantages of modern invention as applied to his own particular section and how modern equipment can be used to give a perfect printing service. 2. A record, supported by printed proofs and endorsed by the employer, showing the best results in quality or quantity that the apprentice has produced by his own ability during a period of twelve hours or less.

The sending of an appropriately prepared item would entitle the candidate to an invitation to a group meeting of apprentices, particulars of which were to be announced at a later date. As a result of this notice, ninety-seven apprentices applied for the entrance form, eighty-four sending either essays or jobs. Some sent both.

Visit to Croxley Mills

A group meeting took place on Wednesday of last week, the main item being a visit to the Croxley Mills of Messrs. John Dickinson and Co., Ltd. Of the eighty-four apprentices entitled to be present, only five were absent, for unavoidable reasons. They came from all parts of the Alliance, some from so far distant as Southampton. Meeting at the Federation offices at 10.30 in the morning, the party was divided up into four groups, each of which was placed under the direction of a member of the Alliance, and proceeded to the following establishments: Amalgamated Press, Ltd., Sumner Street, S.E.1 (Mr. J. W. Garner); The Cornwall Press, Ltd., Paris Garden, Stamford Street, S.E.1 (Mr. J. Griffiths); Messrs. Hudson and Kearns, Ltd., Hatfield Street, S.E.1 (Mr. W. H. Cockle); and Odhams Press, Ltd., Long Acre, W.C.2 (Mr. W. H. Parrack). Each apprentice was expected to ask questions on points of interest and to make mental and written notes. We understand that the members of the parties were not backward in this direction.

At 1 o'clock the groups assembled at Euston Station, where a restaurant car was reserved for the party. Lunch was served therein, and the party conveyed to Croxley Mills. Here groups were formed and the lads were conducted through the mill, having a detailed description of the intricacies of paper manufacture. At 5 o'clock tea was served in the ladies' canteen. Round the walls was a most interesting exhibition of the apprentices' work.

Tea at Croxley

Mr. Sydney Hudson was in the chair and was supported by Mr. D. M. Skeins (managing director, John Dickinson and Co., Ltd.), Mr. A. I. Macnaughton (general manager) and Mr. H. Kingham (sales manager), Mr. B. Guy Harrison (president of the Federation), Col. R. F. Truscott (past president and hon. treasurer of the Home Counties Master Printers

Alliance), Mr. F. H. Bisset (secretary of the Federation), Mr. L. J. Cumner (assistant secretary of the Federation), Mr. J. E. Adlard (Surrey and East Hants Master Printers Association), Mr. F. G. Hewitt (vice-president of the Alliance), and Mr. Percy D. Michael (secretary of the Alliance).

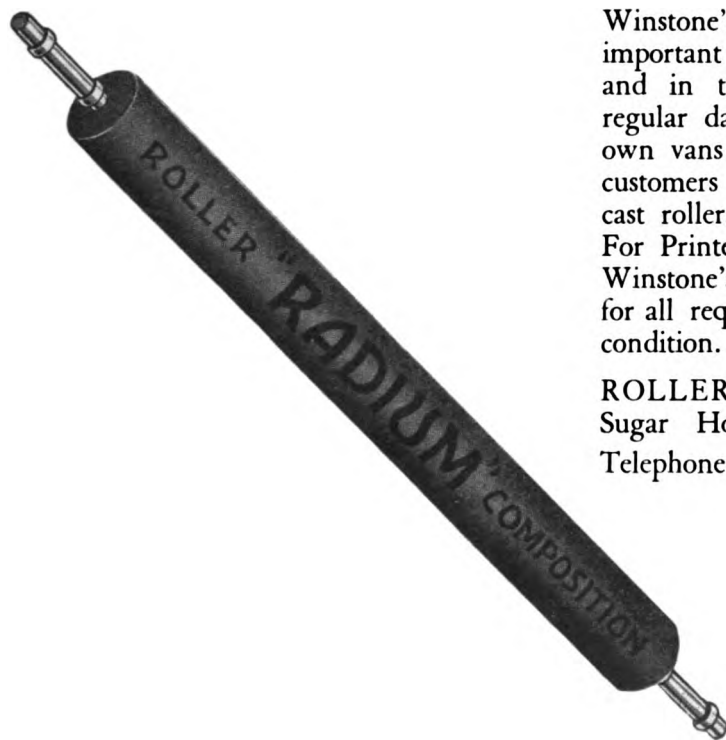
Col. Truscott, in the course of an interesting address, said that printing gave light to the world and safeguarded the liberty of the subject. It was interesting to note that in two-thirds of the Continent of Europe the Press was not free. They had to regard printing as a guarantee of the liberty of the subject. The industry was not concerned only with making profits; it was linked indissolubly with service. During four centuries printing had steadily advanced and they had now harnessed powers—steam, gas and electricity—to produce it. It was pleasing to note the revival of the old beautiful type faces, and his suggestion to them was that they should study typography. Printing had been called the art which preserved all the other arts, and was certainly the servant of trade and industry. Col. Truscott referred to the development in advertising and said how remarkable it was thought when Mr. Baggott, of Pears, bought a picture which had been executed by the president of the Royal Academy, Sir John Millais, entitled "Bubbles." Mr. Baggott also distinguished himself by purchasing a drawing by the late Harry Furniss, which pictures a man who had used Pears' soap and for many years had used no other. (Laughter.) Those present were the pick of the apprentices of the Home Counties Master Printers Alliance, and his advice to them was to take an interest not only in printing, but in industry as a whole. Col. Truscott was followed by Mr. Bisset, who gave an interesting address upon "Some of the Things for which the Federation Stands."

The Federation of Master Printers

Mr. Bisset, in the course of a most interesting address, said that the Federation of Master Printers was really the counterpart of the trade union and was undoubtedly originally formed as a protection against trade unionism. They had travelled a long way since then, but when it was considered that a third of the printer's costs was for labour, the importance of negotiations with the trade unions would be realised. The printer's costs could be roughly split up as follows: One-third labour, one-third materials, and the remaining third overheads. The Federation had a perfect system of costing and a system which was recognised as being perfect from an accountancy point of view. Printing was an industry which was affected not only by Acts of Parliament but by departmental legislation. It would readily be seen that such legislation could adversely affect the printer and they had a committee which looked after that side. Another of their useful committees was the Publicity and Selling, whose task was to educate the public to the possibilities of printing in advertising and the opportunities for business promotion which printing could create. The Y.M.P.s had a national organisation, and the young men belonging to it were being educated as to their responsibilities and the working of the Federation. He would like to compliment Mr. Hudson, who had arranged a similar thing for the apprentices of the Home Counties Master Printers' Alliance. Mr. Hudson had made history, since this was the first time that such a thing had been attempted. The future



for EVERY CLASS OF MACHINE



Winstone's handle some of the most important contracts both in London and in the country. They run a regular daily delivery service by their own vans for the convenience of their customers in the London area. They cast rollers for every class of machine. For Printers casting their own rollers, Winstone's have compositions graded for all requirements and every climatic condition.

ROLLER CASTING WORKS :
Sugar House Lane, London, E.15
Telephone : - Maryland 3321



WINSTONE'S
Rollers

B. WINSTONE & SONS, LTD., WINSTONE HOUSE
150-152, CLERKENWELL ROAD, LONDON, E.C.1

would see great changes. In Russia, Italy, Germany and America, tremendous experiments were going on. He suggested that they should take an interest in these things for, as potential printers, they were the custodians of the freedom of opinion. (Applause.)

Origin and Objects of the Competition

Mr. Sydney Hudson said: "Before introducing our next speaker—Mr. Guy Harrison, the Federation president—I should like to express my personal thanks to you all for the interest you have taken in this competition. As I mentioned this morning, it is the first competition of its kind undertaken by any section of our Federation, and it introduces several novel features. Some of you may like to know how the competition came about and what were the objects in mind.

"It is the usual custom for the president of our Alliance soon after his election at the annual meeting to indicate what he considers the best way he can help to further the cause of our Federation and our own Alliance in particular. When this honour came to me I could not overlook the fact that I had been placed in this position largely owing to the help given to me when I was an apprentice by Mr. R. J. Lake, who was then my employer and who later became Director of the Federation of Master Printers. The insight he allowed me to obtain altered my entire outlook. I found fresh interest in my work, and many difficulties and problems became pleasures. I believe there are many apprentices in our area who feel their future is in doubt and are losing interest in their work, because they have not been able to realise the excellent opportunities that are well within their grasp."

The Problem of Unemployment

"My experience as an employer proves to me that there is a real scarcity of printing craftsmen, and it is most desirable that every apprentice who comes out of his time should be able to meet this shortage to his own advantage and the benefit of the trade in general. Unfortunately, there are many men out of employment to-day who lack sufficient training to enable them to hold a permanent position. They are a load on their union and reflect unfavourably on our great industry. Let me say at once that I consider the liability for this state of affairs lies with the employers, and I felt I could not do better than by devoting my year of

office to try in some small measure to assist those apprentices in their last few years to see that they are having an opportunity of avoiding failure in this way.

"Many apprentices join their trade union when they still have many years to serve. I, personally, consider this is not to their advantage. The last few years of an apprentice are the most important of his training and he should be made to feel the onus is his to prove his worthiness at the completion of his time and thus be able to qualify for a suitable position in the ranks of our great craftsmen. If every apprentice could realise that the whole of his future happiness depended upon his own efforts during these vital years, it would be all to the good.

"I want every apprentice in the Home Counties area to feel that this great Federation is anxious to assist him (through his employer) to make his training a success. If this competition has enabled any apprentice to wake up to the difficulties that lie ahead of him, and has encouraged him to use the time still at his disposal to make good, I shall feel that my efforts have not been in vain."

Mr. Guy Harrison Presents the Prizes

Mr. B. Guy Harrison caused some laughter by saying that he had been asked to attend in his "war paint." He had decided against the use of paint in view of the dampness of the weather. He thought that it would become washed off. (Loud laughter.) He said that the wages in the printing trade were higher than in any other industry, which accounted for the keen competition to get into the printing trade. In the printing trade there was a tremendous lot to learn. Master printers themselves were learning something fresh every day. There was a vast improvement in craftsmanship to-day, and he thought that the working conditions nowadays were in some measure responsible for it. He remembered when most of the work was done by "piece," and they would all realise what was likely to happen under such conditions. The fact that they had regular hours and wages would certainly tend to improve the quality of the present-day work. He thought that it would be the quality of the present-day work which would go down to history, and he urged them to do all they could not only to maintain the quality of present-day work but to improve upon it.

The president then called upon Mr. Harrison to present the prizes to the following successful apprentices:—

PRIZES

"THE COMPETITION" (Essay and Practical)

THE COMPETITION (Essay and Practical)							Marks		
				Prizes	Ess.	Prac.	Total		
1.	C. E. Leman	...	Hudson and Stracey, Ltd., Watford	...	Watch	...	76	95	171
2.	L. H. Parcell	...	Wyman and Sons, Ltd., Reading	...	Watch	...	78	92	170
S.P.	M. Warner	...	Gibbs and Bamforth, Ltd., St. Albans	...	Penrose Annual	...	85	75	160

ESSAY

			Prizes		Marks	
1.	L. Rose	...	A. E. Looseley, Berkhamsted	...	Fountain Pen	89
2.	P. H. Gray	...	National Children's Homes, Harpenden	...	Attache Case	88
3.	M. J. Wright	...	National Children's Homes, Harpenden	...	Penrose Annual	83

HAND COMPOSITION

1.	S. G. Dymond	...	Peter Ness, Gravesend	...	Week-end Bag	...	95
2.	B. Harman	...	Holbrook and Sons, Ltd., Portsmouth	...	Hair Brushes in Case	...	93

MECHANICAL COMPOSITION

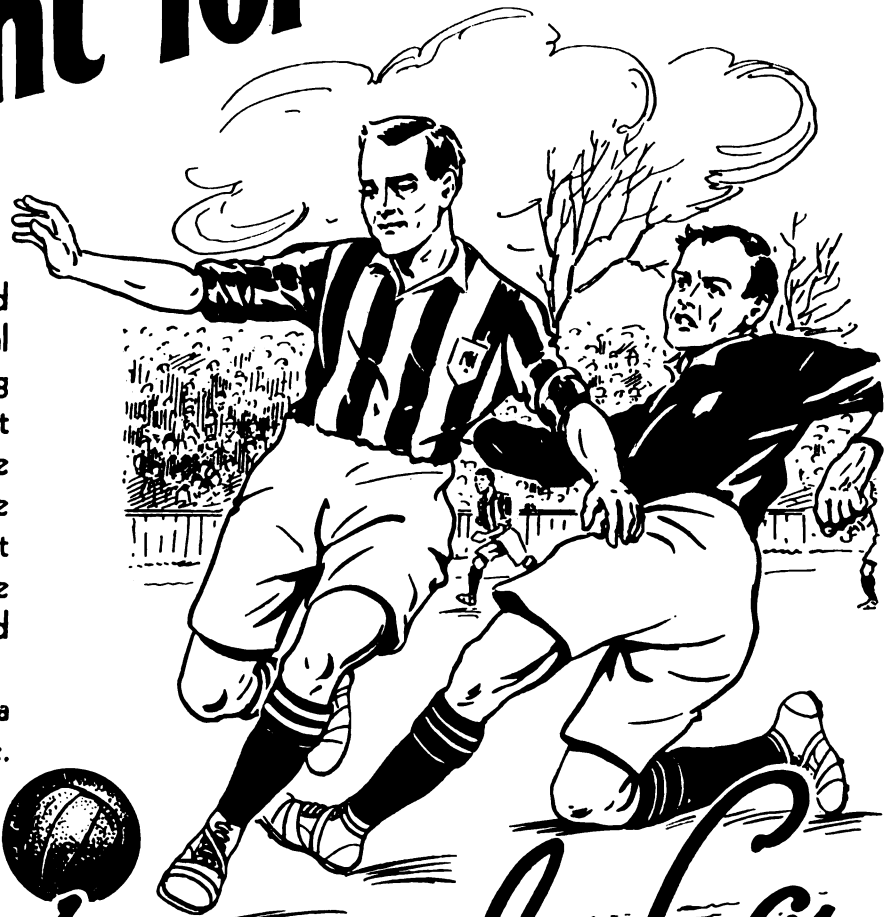
1.	W. C. Oakey	...	Greycaine Book Manufacturing Co., Ltd., Watford	...	Morocco Wallet	...	87
2.	{ P. E. W. Leaf	...	W. H. Barrell, Ltd., Portsmouth	...	Penrose Annual	...	85
	{ S. W. Cox	...	Greycaine Book Manufacturing Co., Ltd., Watford	...	"	...	85

HAMEL'S SPORTS
SERIES, Number 2

Straight for Goal—

Let quality, efficiency and promptitude be your goal in all matters appertaining to Process Engraving. Get straight through to the Hamel Service and score heavily. All that is best in Multi-colour, Half-tone and Line, Electros and Stereos.

Also a Design and Idea Service second to none.



E. Hamel & Co.,
NOTTINGHAM

Telephone: 41547 (Two Lines).

Telegrams: "HAMEL, Nottingham."

LETTERPRESS PRINTING

			Prizes	Marks
1.	A. F. Crow ...	Stanhope Press, Ltd., Rochester ...	Week-end Bag ...	95
	A. Grimes ...	W. Carling and Co., Ltd., Hitchin ...	Hair Brushes in Case ...	95
	C. E. Leman*	Hudson and Stracey, Ltd., Watford ...		95

* Takes Competition Prize.

LITHOGRAPHY (one entry only)

S.P.	R. J. Ruston ...	Hampshire Paper Bag Co., Ltd., Portsmouth ...	Penrose Annual ...	75
------	------------------	---	--------------------	----

BOOKBINDING (three entries only)

1.	R. A. Skinner ...	Hudson and Stracey, Ltd., Watford ...	Penrose Annual ...	100
2.	L. A. Steward ...	Unwin Bros., Ltd., Woking ...	" " ...	95
3.	P. S. Thompson ...	Garden City Press, Ltd., Letchworth ...	" " ...	90

FOUNDRY

1.	R. Hind ...	Sun Engraving Co., Ltd., Watford ...	Week-end Bag ...	100
2.	J. Kavanagh ...	Unwin Bros., Ltd., Woking ...	Penrose Annual ...	90
	R. B. Hinton ...	Hazell, Watson and Viney, Ltd., Aylesbury ...	" " ...	90

READING (one entry only)

S.P.	S. E. Williams ...	Unwin Bros., Ltd., Woking ...	Penrose Annual ...	77
------	--------------------	-------------------------------	--------------------	----

There are two interesting points to notice. The first is that C. E. Leman (Hudson and Stracey, Ltd., Watford), not only won the first prize in the competition, but also won a prize in the letterpress printing section. In regard to S. G. Dymond (Peter Ness, Gravesend), who was awarded the first prize in the hand-composition section, when the work was sent to Mr. Michael (secretary of the Home Counties Master Printers Alliance) he queried the time in which it was stated that it had been executed. He was informed that this time was correct and forwarded the work to the judges. The judges, however, were unable to accept the time given as reasonable, and therefore awarded no marks to the candidate. Subsequently Mr. Michael journeyed down to the works of Mr. Peter Ness at Gravesend, the boy's employer, and saw the job done under his own eyes. It is interesting to note that when the job was done on this occasion the boy's time was slightly less.

Mr. F. G. Hewitt proposed a vote of thanks to Mr. Hudson, the president, which was seconded by Mr. C. E. Leman, Mr. Hudson's own apprentice, who said how very grateful they were for the excellent day that had been arranged for them.

The names of the judges in the various competitions were as follows: Essays—Mr. R. A. Austen-Leigh, past president B.F.M.P., H.C.M.P.A.; Mr. F. G. Hewitt, vice-president, H.C.M.P.A. Composition and Reading—Mr. W. Minton, director, Whitefriars Press, Ltd.; Mr. E. G. Yates, secretary, Home Counties and South Eastern Group Typographical Association. Letterpress Printing—Mr. J. A. Stembridge, past president, B.F.M.P.; Mr. F. Summerfield, member H.C. & S.E. Group Council of T.A. Lithography—Mr. Victor Read, Charles and Read, Ltd., Lithographers, London. Bookbinding—Mr. B. J. Ellis, manager, J. M. Dent and Sons, Ltd., Letchworth. Foundry—Mr. Josiah Griffiths, managing director, Cornwall Press, Ltd.

The apprentices entitled to be present at this group meeting were:—

Bailey, S. G. (Hazell, Watson and Viney, Ltd., Aylesbury), Bean, J. A. E. (Greycaine Book Manufacturing Co., Ltd., Watford), Balls, A. S. T. (Hazell, Watson and Viney, Ltd., Aylesbury), Barham G. W. (Alabaster, Passmore and Sons, Ltd., Maidstone), Castell, L. W. (J. Francis and Sons, Southend-on-Sea), Cheshire, L. (Gibbs and Bamforth, Ltd., St. Albans), Childs, H. (Gibbs and Bamforth, Ltd., St. Albans), Clark, R. (Hazell, Watson and Viney, Ltd., Aylesbury), Clarke, L. H. (Hazell,

Watson and Viney, Ltd., Aylesbury), Cousins, E. W. (Hampshire Paper Bag Co., Ltd., Portsmouth), Cox, S. W. (Greycaine Book Manufacturing Co., Ltd., Watford), Crow, A. F. (Stanhope Press, Ltd., Rochester), Cuerdon, H. (G. J. Humby and Sons, Portsmouth), Darke, P. (Richard Taylor and Co., Ltd., St. Albans), Dennis, G. E. (Greycaine Book Manufacturing Co., Ltd., Watford), Dudley, A. (Hazell, Watson and Viney, Ltd., Aylesbury), Dumbleton, R. A. T. (Hudson and Stracey, Ltd., Watford), Dymond, S. G. (Peter Ness, Gravesend).

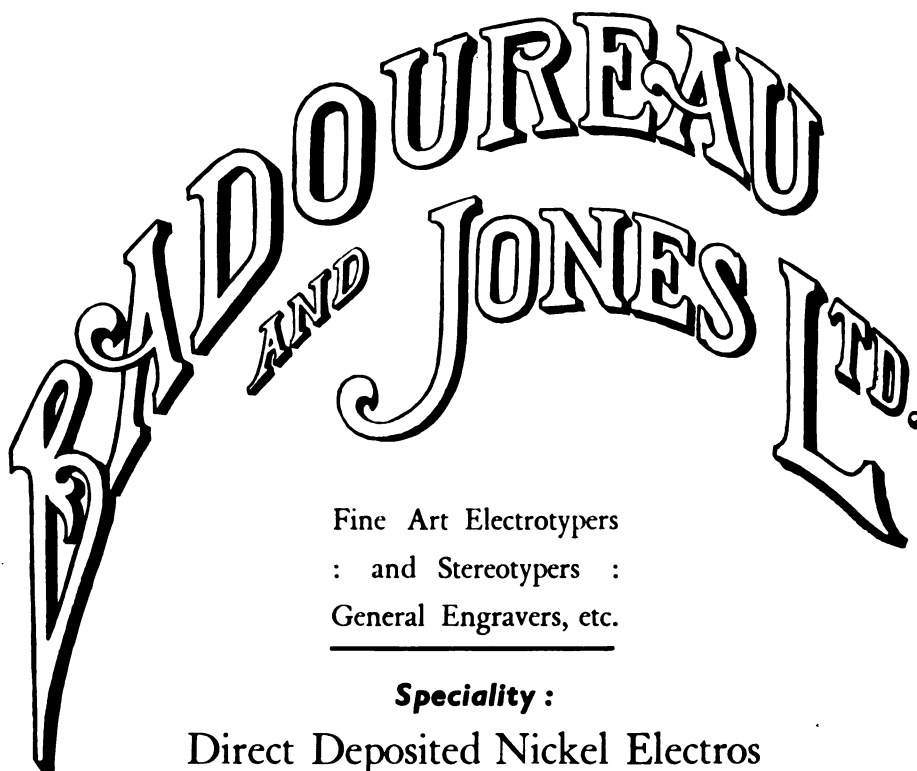
Field, R. L. (Richard Taylor and Co., Ltd., St. Albans), Fitzsimmons, W. R. (G. Thilthorpe, Gravesend), Goble, N. F. (Coasby and Co., Ltd., Southsea), Gray, H. L. (The Garden City Press, Ltd., Letchworth), Gray, P. H. (National Children's Homes, Harpenden), Grimes, A. (Wm. Carling and Co., Ltd., Hitchin), Gunner, A. (Unwin Bros., Ltd., Woking), Harman, B. (Holbrook and Sons, Ltd., Portsmouth), Hind, R. (The Sun Engraving Co., Ltd., Watford), Hine, V. E. H. (Greycaine Book Manufacturing Co., Ltd., Watford), Hookham, F. J. (King and Hutchings, Ltd., Uxbridge), Hinton, R. B. (Hazell, Watson and Viney, Ltd., Aylesbury), Jones, D. A. (Hudson and Stracey, Ltd., Watford), Jay, T. G. (Hazell, Watson and Viney, Ltd., Aylesbury).

Kavanagh, J. (Unwin Bros., Ltd., Woking), Kemp, G. A. (Strange the Printer, Ltd., Eastbourne), Kimber, L. (C. H. Peacock, Ltd., Watford), Knight, W. H. (Mackays, Ltd., Chatham), Knott, R. E. (Cox and Sharland, Ltd., Southampton), Laurence, E. (National Children's Homes, Harpenden), Leaf, P. E. W. (W. H. Barrell, Ltd., Portsmouth), Leman, C. E. (Hudson and Stracey, Ltd., Watford), Lindsay, D. F. (National Children's Homes, Harpenden), Linsell, D. (Parrett and Neves, Ltd., Chatham), Long, E. (Unwin Bros., Ltd., Woking), Lunn, R. (Hazell, Watson and Viney, Ltd., Aylesbury), Nagel, S. (National Children's Homes, Harpenden), Noble, F. W. (Stanhope Press, Ltd., Rochester).

Oakey, W. C. (Greycaine Book Manufacturing Co., Ltd., Watford), O'Nion, S. A. V. (H. R. P. Boorman, Maidstone), Parcell, L. H. (Wyman and Son, Ltd., Reading), Parsell, A. (Garden City Press, Ltd., Letchworth), Phillips, R. (Herbert Stalker (Percy H. Whiskin), Luton), Port, A. L. (Biddles, Ltd., Guildford), Reeves, G. A. (National Children's Homes, Harpenden), Ribbans, L. R. (Wyman and Sons, Ltd., Reading), Ridgway, L. W. (Hazell, Watson and Viney, Ltd., Aylesbury), Rose, L. (A. E. Loosley, Berkhamsted), Ruston, R. J. R. (Hampshire Paper Bag Co., Ltd., Portsmouth), Sainsbury, A. J. A. (Stanhope Press, Ltd., Rochester), Saunders, A. J. (Hazell, Watson and Viney, Ltd., Aylesbury), Skinner, R. A. (Hudson and Stracey, Ltd., Watford), Smith, S. L. (Warren and Son, Ltd., Winchester), Steward, L. A. (Unwin Bros., Ltd., Woking), Stubbs, J. W. (Hazell, Watson and Viney, Ltd., Aylesbury).

Thompson, S. G. (Alabaster, Passmore and Sons, Ltd., Maidstone), Thompson, P. S. (Garden City Press, Ltd.,

Electrotyping



Fine Art Electrotypers
: and Stereotypers :
General Engravers, etc.

Speciality :

Direct Deposited Nickel Electros
(Nickel Deposited direct upon the Mould) for
Colour Work, Cartons and Cardboard Boxes,
Embossing Plates, &c.

POPPIN'S COURT, FLEET ST.
LONDON, E.C.4.

Telegrams:
Badoureaux
Lud, London

Telephones:
Central 0246
Central 0247

Stereotyping

Letchworth), Thorpe, L. G. (Burfields and Pennells, Hastings), Tomlin, R. (Wm. Carling and Co., Ltd., Hitchin), Troth, G. (National Children's Homes, Harpenden), Turnbull, F. E. (National Children's Homes, Harpenden), Turner, F. G. (Hazell, Watson and Viney, Ltd., Aylesbury), Waller, C. H. (Gibbs and Bamforth, Ltd., St. Albans), Warner, M. (Gibbs and Bamforth, Ltd., St. Albans), White, R. W. (Hampshire Paper Bag Co., Ltd., Portsmouth), Wilby, G. P. (Hazell, Watson and Viney, Ltd., Aylesbury), Willcocks, L. A. (Cox and Sharland,

Ltd., Southampton), Williams, A. H. (National Children's Homes, Harpenden), Williams, S. E. (Unwin Bros., Ltd., Woking), Wilson, T. A. (National Children's Homes, Harpenden), Wilson, T. H. (Hudson and Stracey, Ltd., Watford), Wiltshier, L. W. (Greycaine Book Manufacturing Co., Ltd., Watford), Winter, G. F. (Cox and Sharland, Ltd., Southampton), Witherden, G. A. (Garden City Press, Ltd., Letchworth), Wright, A. (Hudson and Stracey, Ltd., Watford), Wright, M. J. (National Children's Homes, Harpenden).

ADHESIVES IN THE BINDERY STATIONERS' HALL LECTURE

Of special interest to bookbinders, box-makers, in fact to all glue-users, was the lecture given at Stationers' Hall, last Friday, entitled "Adhesives," by Mr. J. Taylor, B.Sc. It was the fourth in the series of lectures arranged by the Stationers' Company and Printing Industry Technical Board. Mr. E. B. Judd, director of Nevett, Ltd., presided supported by Mr. Robert Bryan, Mr. F. S. Hayes, and Dr. G. L. Riddell.

In opening the meeting Mr. Judd said that they were still using glue as they had used it forty or fifty years ago, and he expected they would go on using it for many years. In certain conditions it could be very objectionable. He did not know if there were any journeymen present, but he hoped they would watch particularly the water in the well. (Laughter.)

Mr. Taylor then delivered his lecture, dividing adhesives into six main types: animal, fish, casein, blood albumen, prepared liquid and mineral glues, and vegetable adhesives. The main part of the lecture was devoted to a description of animal glues, an insight being given into their manufacture and use; and also a brief historical survey, showing that glue was known and used as an adhesive thousands of years ago. It was interesting to learn the variety of other trades which use glue. Specimens of glue were shown to the audience and their various characteristics outlined, and tests were mentioned for ascertaining the quality of a glue. We propose to report the lecture fully in our next Bookbinding Issue (February 15th).

After the address, the meeting was thrown open for discussion.

Mr. R. Bryan asked about flake glue, and the lecturer said that they could put it directly into soak. Flake or powder was one of the principal forms in which glue was sold in America. It obviated the breaking difficulty. People in this country, however, seemed to have a prejudice against glue in that form. They were used to judging glue by holding it to the light and if you tried to sell them flake they thought something was being "palmed off" on them.

Mr. Judd referred to "pearl" glue, and also suggested that by buying glue in the slab they preserved the nature of the glue, which was not so in powdered glue. Mr. Taylor said that grinding a glue into powder would improve the strength if it were ground

properly, as by grinding, a certain amount of heat was created which drove off water.

In relation to a question about a glue-dextrine solvent, Mr. E. Zachnsdorf said that there was a proprietary article which did effect that result.

Mr. Bryan asked the best method of making two Rexine substances stick together. Mr. Taylor suggested that there was no other way but of using some solution of cellulose nitrose in an organic solvent which would attack the Rexine.

Dr. Riddell asked Mr. Taylor why glue stuck. The lecturer remarked that two pieces of hard wood would not stick together very strongly; soft wood would hold more strongly. The explanation was that the glue penetrated into the pores in the fibres of the wood or similar material and reset into the hard state. Thus there was a layer of glue between the two surfaces and a number of branches of glue protruding into the surfaces.

The question was raised of sticking on a greasy surface, and Mr. Taylor said they should wipe the surface with something to destroy the grease. Mr. Zachnsdorf added that they could do one of two things—mix very fine bran in the paste, or mix cuttle fish bones with the glue. These were very old remedies.

Dr. Riddell followed up his previous question by asking why gelatine did not stick. The lecturer replied that gelatine and glue consisted principally of three complex organic substances. One of those compounds possessed gelatinising power, and one the quality of sticking. In the case of gelatine they had a larger proportion of the gelatinising compound, and in the case of glue more of the sticking compound.

Others entering the discussion were Messrs. C. H. Gillett, A. R. Ville, F. W. Booth, J. M. Poppmacher, G. De Flines, J. F. W. Cole, W. P. Webster and J. A. Esler.

Mr. E. Zachnsdorf, in proposing a vote of thanks, suggested that there should be another address to deal particularly with the synthetic resin group of glues. He believed that the future of adhesives would lie in that direction.

Mr. F. S. Hayes seconded the motion and it was cordially carried. In replying, Mr. Taylor proposed a vote of thanks to the chairman, which was similarly accorded.

New British Patents

The Group Abridgments can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2, either sheet by sheet as issued on payment of a subscription of 5s. per group volume, or in bound volumes price 2s. each, and the full specifications can be obtained from the same address, price 1s. each.

Applications

Barton, C. W. Containers. 36,170.
 Bolton, R. Guard for guillotine cutting-machines, etc. 36,300.
 Breuer, A. Sheet feeding device for printing machines. 36,644.
 Gladwell, D. Securing formes of printers' type-set matter, etc. 35,946.
 Hartley, G. Guard for guillotines. 35,923.
 Leng, A. C., and Leng, A. S. Cardboard boxes. 36,569.
 Paper Sacks, Ltd., and Rawlins, J. D. Paper sacks. 36,578.
 Schweizerische Lokomotiv-und Maschinenfabrik. Casting type matrices. 36,036.
 Standing, A. Roller for printing machines. 36,352.
 Suckling, C. Ticket printing and issuing machines. 35,976.
 Waite and Saville, Ltd., and Whyte, F. Sheet feeding mechanism for printing, etc., machines 35,913.
 Waite and Saville, Ltd., and Whyte, F. Apparatus for removing sheets discharged from printing, etc., machines. 36,674.

Specifications Published 1932

Cook, J. W. D. Paper or other bags, envelopes or the like. 403,486.

1933

Soc. Italiana Pirelli. Protuberate surfaced rollers, cylinders, or the like for use in printing or textile or other manufacture. 403,555.

Complete Specification Open to Public Inspection Before Acceptance 1933

Page, J. E. Cartons or containers. 13,890.

Photographic Almanac, 1934

The "British Journal Photographic Almanac," 1934, a year book which is looked forward to by all photographers, has just been published for the 73rd successive year. With over 700 pages, including a 64-page gravure supplement showing some of the past year's achievements in photography, it contains all the latest information on the subject. The text begins with an article by the editor, "The Amateur of 1934," which deals with the small camera. Subsequent articles outline developments which have taken place during the past year in the varied branches of the calling. Other sections provide formulæ, tables, a wide range of miscellaneous information, and a directory of British photographic societies. Henry Greenwood and Co., Ltd., are the publishers, the price being 2s. (paper) and 3s. (cloth) net.

Encourage the 'POSTER STAMP

★ HABIT



one of the most popular, least expensive and most effective forms of advertisement.

Suggest that your customers run "Poster Stamp Advertising Campaigns" and print their stamps on

**SAMUEL JONES
NONCURLING
GUMMED PAPER**

Send for free copy of "Poster Stamp Possibilities."

**Samuel Jones
AND COMPANY LIMITED**

BRIDEWELL PLACE

LONDON, E.C. 4

Tel : Central 6500



THE ALL-PURPOSE LINOTYPE

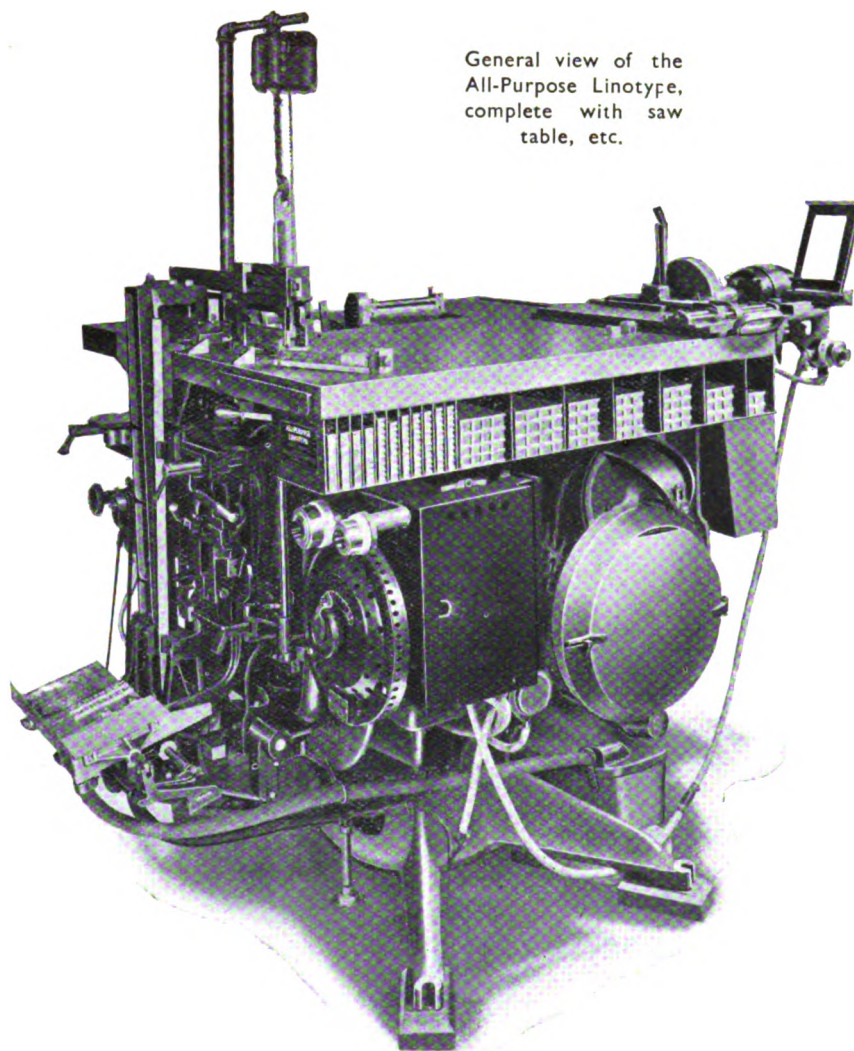
Demonstrated to the L.S.C. Jobbing Guild

One of the most instructive and pleasant meetings it has been the good fortune of the members of the L.S.C. Jobbing Guild to hold was that which took place on Wednesday of last week at the showrooms of

and that he hoped the demonstration would be interesting and instructive.

Mr. G. W. Jones, in replying on behalf of the Guild, said he was proud that they had come to see what was

General view of the All-Purpose Linotype, complete with saw table, etc.



Messrs. Linotype and Machinery, Ltd., in Norwich Street, E.C.4, where a demonstration of the new All-Purpose Linotype had been arranged for the benefit of the members. A company of about one hundred arrived to take advantage of the opportunity, and were delighted to find that Mr. George W. Jones, who is the president of the Guild, was among those present.

Mr. C. S. Burdon, on behalf of Messrs. Linotype and Machinery, cordially welcomed all who were present, saying he was glad to see such a large number,

the last thing in the manner of producing types by the slug method. They would see that the new model was more of a compositor's machine than was the ordinary Linotype. He was not surprised that the Linotype people had invited them to see the machine. That great firm, of which he was proud to be one of the least of its servants, had shown interest in the education of the printer—not only by affording opportunities all over other countries and this country for the study of the Linotype machine, but (and he did not think it was giving away any secret) in the print-

ing technical schools in this country, over which they exercised not the slightest control, plant valued at nearly six figures was lent by that company for the help of instructors and instructed. They should be proud that they had been asked so early to view the machine. He had heard of it three years ago but the company had waited until they had made it as perfect as possible. Concluding, Mr. Jones expressed his continued interest in the activities of the Guild of which he had great pleasure in being president. (Loud applause.) On the call of Mr. J. F. Murphy, three cheers were accorded Mr. Jones.

In small parties the company were then given an exposition of the new composer, which fully justified its name of the All-Purpose Linotype. This wonderful machine was described as an adjunct to the ordinary Linotype. Its remarkable capacity was shown by the wide range of faces that were cast, from 5 pt. to 144 pt. Slugs available for spacing (whiting-out) material and furniture up to 72 pt. were also produced. The slugs are water-cooled and delivered ready for immediate handling at a speed of from one slug in two minutes to four in one minute. Any Linotype face can be cast on this versatile machine, as well as rules, borders, decorations, spacing, cut-mounting material and furniture on slugs. Any measure up to 42 ems can be obtained.

Method of Operation

The method of operation is to set rectangular-shaped matrices by hand in a stick, as in ordinary hand composition. The matrices are transferred from the stick to the casting position; the line is cast, trimmed and delivered cool to the galley, while the matrices are

returned to the transfer point for hand distribution. The finished slug is all that could be desired from a printing point of view, having smoothness of surface and strength. The remarkable range and versatility of the machine are almost inconceivable.

Refreshments, generously provided, followed, and then Mr. C. Whitehead was called upon to propose a vote of thanks to Messrs. Linotype and Machinery and all who had assisted in making the evening a success. They had, he said, to thank the company for allowing them to be practically the first to know about that wonderful machine. First, they had to thank Mr. Victor Walker, who was unfortunately not present; secondly, their old friend and member, Mr. W. M. Bower (applause); then Mr. Burdon, one of the most genial of men, also Mr. Willcoxson, and the demonstrator. So far as the machine was concerned he felt that a crowded visit such as theirs, did not give them sufficient opportunity of seeing the possibilities of the machine. Mr. Bower had asked him to make it plain that if they felt interested, they were welcome to go along any time and have an individual demonstration. (Applause.)

Mr. G. F. Wilson seconded the vote, congratulating the company on a very wonderful piece of engineering ingenuity.

Mr. Burdon, responding on behalf of the company, himself and his colleagues, said he was gratified to see the wonderful response to their invitation. They regarded the machine as being more particularly for the display comp. He was proud to think that the rising generation was taking such an interest in all the developments of the "art preservative." He concluded by emphasising the invitation for further inspection.

COLOUR IN PRINTING INKS

HIGH-GRADE INKS
FOR EVERY MACHINE
FROM THE ROTARY
TO THE HANDPRESS

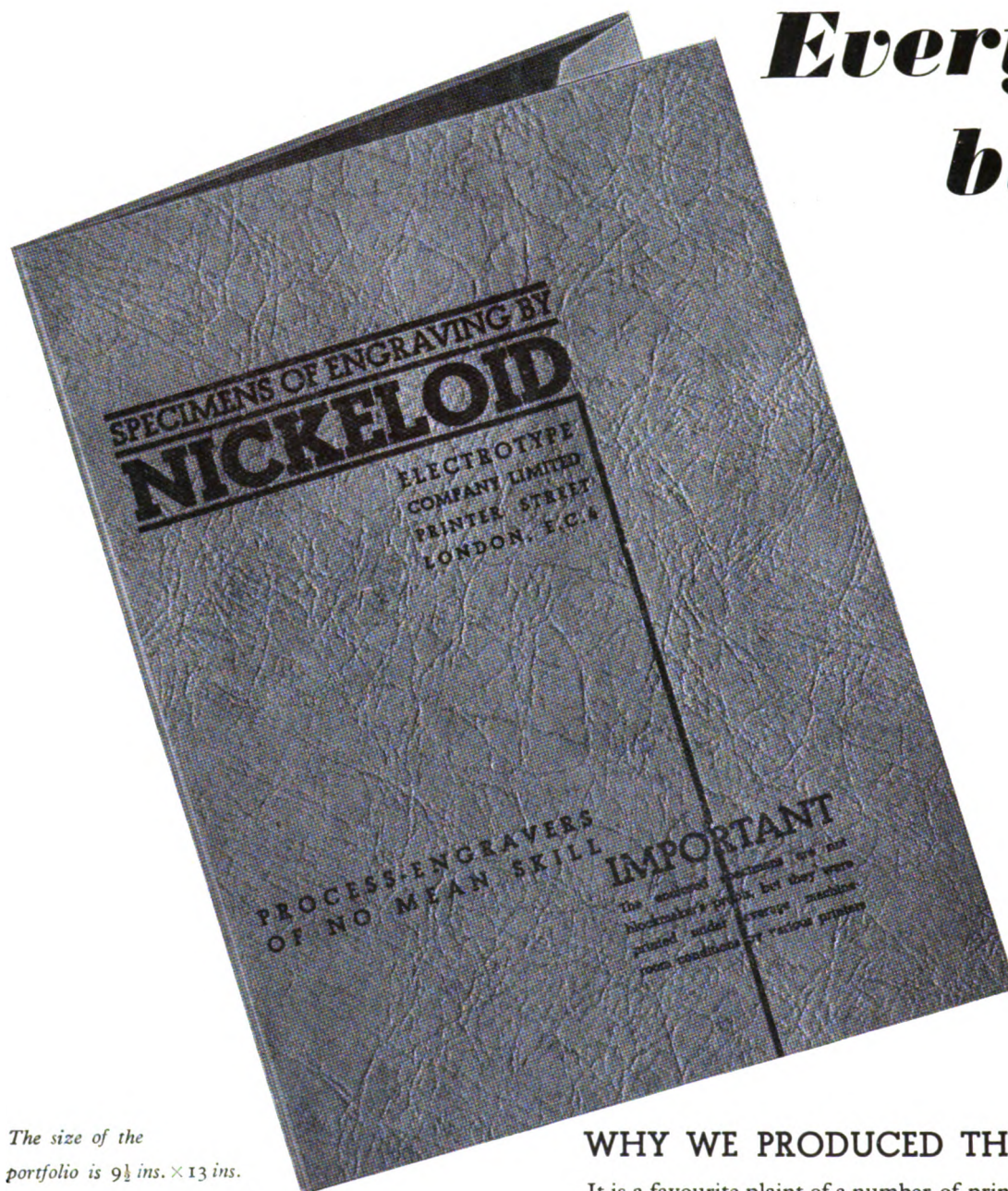
LORILLEUX & BOLTON
Eclipse Works LTD

Ashley Road . Tottenham . London N.17

Tel : Tottenham 3721-3

Grams : Frequentia Phone London

Every buyer



The size of the
portfolio is 9½ ins. × 13 ins.

This miniature exhibition of Nickeloid engraving shows examples of line, half-tone and colour work. In demonstrating monochrome half-tone, duotone inks have been employed as well as the more usual black inks. Various classes of paper and screens have been used. Colour line and tint work is included. Write for your copy of this portfolio — your first step towards acquaintance with Nickeloid, process-engravers of unusual skill. Also Britain's foremost electrotypers and stereotypers.

WHY WE PRODUCED THIS PORTFOLIO

It is a favourite plaint of a number of printers and buyers of print that the blockmaker who is asked for examples of his work shows them beautiful art-paper proofs taken in his works. So we have produced this portfolio of some twenty specimens printed from Nickeloid-engraved line, tone and colour plates. The specimens are the work of various printers, and were each printed under average machine-room conditions. They represent, not only the fairest possible demonstration of Nickeloid engraving, but a guarantee of the printing efficiency of Nickeloid plates.

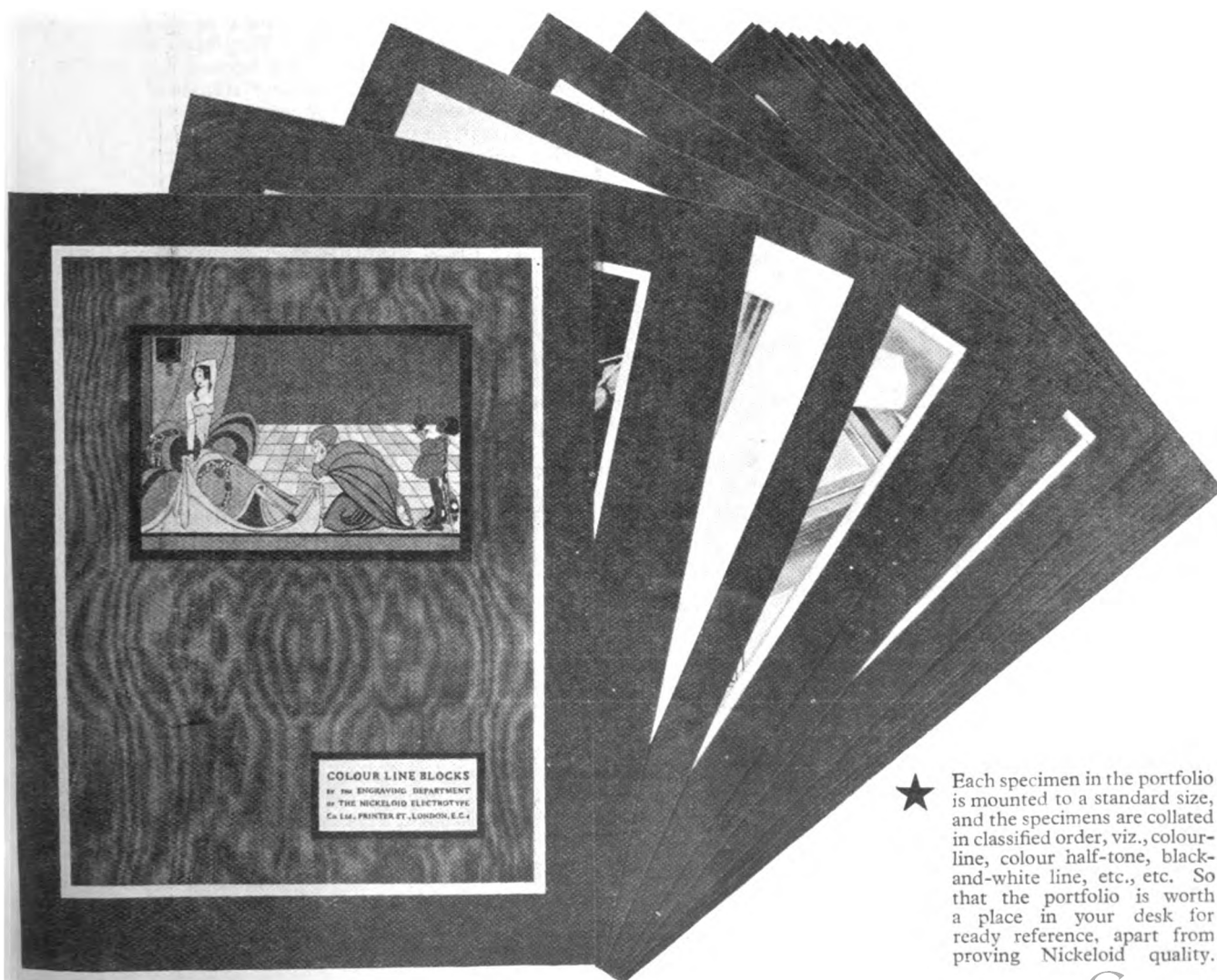
NICKELOID ENGRAVING

of process blocks should see this novel demonstration of exceptionally good engraving

IMPORTANT NOTE

This portfolio of engravings is a costly production ; we are compelled, therefore, to limit distribution to responsible executives only. It will be appreciated if executives will indicate their status when writing.

Applications must be on business letterheadings and should mention this journal. Address letters to THE NICKELOID ELECTROTYPE COMPANY LIMITED, PRINTER STREET, LONDON, E.C. 4



★ Each specimen in the portfolio is mounted to a standard size, and the specimens are collated in classified order, viz., colour-line, colour half-tone, black-and-white line, etc., etc. So that the portfolio is worth a place in your desk for ready reference, apart from proving Nickeloid quality.

Overcoming Obstacles in Selling

Charles C. Knights at Central Districts M.P.A.

"Overcoming Obstacles in Selling Print" was the subject dealt with by Mr. C. C. Knights, F.S.M.A., when he lectured on Tuesday of last week, for the sixth successive year, before the London Central Districts Master Printers Association at Stationers' Hall. The large audience of well over a hundred listened attentively to his entertaining and enlightening address delivered in Mr. Knights's own forceful style. Mr. O. G. Poulson (president) presided, supported by Col. B. L. Hooper (L.M.P.A. president), Mr. W. J. Boyle (Central Districts secretary) and Mr. L. J. Cumner (Federation assistant secretary).

Mr. Poulson, in opening the meeting, welcomed Mr. Knights, who, he said, was no stranger within their gates.

The secretary read a letter from Mr. Sessions, the vice-president of the Federation, expressing regret at inability to attend the meeting, and he made sympathetic mention of the illness of Mr. T. D. Hawkins, L.M.P.A. organiser.

Mr. Knights, introducing his subject, said it was very necessary to approach the problem of overcoming obstacles of any nature with a sane outlook. They must realise, when facing obstacles in selling, that there were some obstacles which to them were absolutely insurmountable. There were obstacles they might surmount, but the loss in expenditure and energy was such that the effort was not worth the while. There were other obstacles which they could surmount and be ready for the fray when they got to the other side. There were so many obstacles that they could do a little sorting, and avoid any attempt to wear themselves out in attempting what were to them insurmountable obstacles. Of course, that was no alibi for the lazy man. He would find every obstacle insurmountable. He did not want them to think that he (Mr. Knights) could show them the way to overcome every obstacle. They would never get a 100 per cent. plan. To-day a 50 per cent. plan of retailing was a very good one, and if they could overcome only 25 per cent. of the selling obstacles in their way they would add enormously to their business.

Problems of Marketing

As he saw it, those obstacles might be classified as follows. First, lack of a proper understanding of the place of print and printing in the whole scheme of marketing. He had said in many places that they had mechanised production to the nth degree, and if they were going to preserve balance they must mechanise distribution; and the printing press was a great aid to the mechanising of distribution. They knew that the printed word had to an enormous extent taken the

place of the personal traveller, but they had not reached the end of that road. No one could believe that they had mastered the subject or the economic problems of distribution. It had only just begun. And in that task of getting a proper understanding of the relation of marketing to the economic welfare of the world, they must get a proper understanding of the part printing plays.



MR. C. C. KNIGHTS

The second obstacle was a lack of information likely to help the printer to solve marketing problems. It was a disadvantage the printer suffered in common with practically every other sales manager to-day. What was needed was useful, reliable and understandable information from official sources for the guidance of the business community. They lagged behind in this country in the matter of business statistics.

Nobody knew, for instance, reliable figures for the retail business of this country. But that information would be useful to the printer who was endeavouring on any scale at all to solve the market problems of his customers.

The Place of Print

The third obstacle was lack of appreciation on the part of recipients of print of its value to them. That perhaps was a rather unusual point of view. They had to recognise that the recipients of print to-day had got to be educated to its value. Mr. Knights instanced the great amount of sales literature, prepared at great expense and expenditure, which ended its journey in the waste-paper basket. The wastage of valuable business print was appalling. The business man to-day still thought, unfortunately, that everything that came to him under a halfpenny stamp was a damned nuisance. They must do something to alter that; and it was very largely in the hands of the printing industry. Some of the jobs which they had to send out from their own works—he knew they felt as they did them that their right goal was the waste-paper basket.

The fourth obstacle was a lack of appreciation on the part of a specific industry of the part that print could play. He might be wrong or just ignorant, but he did not think that the printing industry had ever endeavoured to make contact with specific industries one by one and to try to work some scheme whereby that industry could be brought collectively to a proper realisation of what print could do for them.

The fifth obstacle was the lack of appreciation on the part of a firm of what print could do; and the sixth obstacle, or group of obstacles, arose from the idiosyncracies of the individual buyer of print.

The first four obstacles called for action on the part of the entire printing industry. Obstacles four and five were in the province of individual printing firms, and five and six were obstacles for individual salesmen.

The Print-Seller's Opportunities

In view of the formidableness of the task as he had outlined it, Mr. Knights said he proposed to deal only with the latter part of it, that part on which depended the daily life of most of them. Dealing with obstacles four and five, he referred to specialisation and said he did believe that specialisation went a long way towards overcoming obstacles. They could not specialise properly without becoming expert in some particular line, and as soon as they became recognised in that particular line they would be called upon and received with open arms, and many of their sales obstacles would automatically flatten out in front of them. Let them specialise, for example, in the overcoming of a particular kind of sales obstacle, or in the type of print which made the customer feel he must reply.

There was one attitude in print with which he had no patience whatever, that of the man who said "Why shouldn't they buy from me?" A man had no business to start in trade if that was his attitude. What they ought to say was "Why *should* they buy from me?" And if there was no difference in the service which the customer could get elsewhere, there was no answer. They must provide the answer, and it was "Selling the difference." When a printer was in business against another printer he was not selling print, he

was selling the difference between his own print and service and that which could be obtained elsewhere.

Print-Buyers' Objections

Dealing with typical objections which were encountered by the salesman, Mr. Knights referred to the familiar reply "Very satisfied with present suppliers." That was another case of selling the difference. First they should ask themselves if there was a difference; if not, let them create one. The answer to that reply was that the man was measuring his suppliers with his own yardstick. He had probably patronised some firm of printers for a number of years, and was measuring with the yardstick they had helped him to create. If they showed that they could do a job more quickly than he had been getting it done, or more cheaply, or in better style, they were creating a new yardstick for him.

"Your firm's charges are too high" was a very familiar objection. Sometimes it might be justified, but in most cases, he thought, it was quite unjustified. The salesman's answer to that, of course, was the familiar one of actual versus nominal costs. He had a recent experience with two pieces of printing. The second piece cost about 25 per cent. of the first, but it brought only about 5 per cent. of the replies. Actually it was the dearer. Judging by the results that a piece of print produced, they would often find that the more expensive piece was cheaper in the long run. The salesman must be *au fait* with that argument before he could answer the charge of high prices.

KIDD'S COMMERCE INKS



HAVE YOU TRIED THEM YET?

THE finest inks for a big proportion of your work. Essential in these competitive days. "Commerce" Inks are Brilliant, Fast to Light, Low in Price, they print well and dry well—are the best all-round value. They are particularly suitable for fast-running automatic Platens.

PRICES:

LETTERPRESS 3/- lb. LITHO 4/- lb. OFFSET 4/6 lb.

Write for specimen book showing the complete range of "Commerce" Inks.

JOHN KIDD & CO. LTD.

10 & 11, Wine Office Court, Fleet Street, London, E.C.4.

Telephone: CENTRAL 4533 (3 lines)

The Appropriation Method of Buying

In overcoming that obstacle, it was necessary for the printing firm and the representative to understand and to preach the "appropriation" method of buying printing, i.e., buying up to what they could afford instead of looking around for the cheapest possible job they could get. They might say it was a counsel of perfection to get people to adopt that method, but if they were watching tendencies in modern business practice they would know that what he said was right and inevitable, and because of that they must work for it and preach it. It was only one small part of that very much bigger thing—budgetary control. Business could no longer be run in the happy-go-lucky fashion of their fathers. To-day they had to work closer together. The big business knew from week to week precisely and exactly where it stood. It knew what kind of business it wanted, what lines to get, from what direction to expect sales; and the appropriation for printing was part of that bigger scheme.

Importance of Interest

Another obstacle often encountered was "Nothing to-day, thank you." He was afraid some representatives asked for that attitude to be adopted towards them. How could they overcome that obstacle? Here they came up against some of their insurmountable difficulties, where, in some instances, the dice was already loaded against them.

The real secret of breaking down that obstacle, however, was, he thought, wrapped up in one word—interest. The very first card to play in the game of selling was to create interest. Be an interesting firm, and an interesting man. Until they had done that, they could do very little else. But it went deeper than that. It was the fundamental of selling, and was contained in the statement "Every man is to himself the most interesting man in the world." Every man was most interested, quite naturally, in his own welfare, progress, and security as a print-buyer, and in his own firm. He had interviewed salesmen who started talking about what their firm was doing for other firms, and they wondered why they had made no impression. They must get next to the man himself. The secret of success was to realise that they must talk about him (the buyer), his problems and his ideals.

Different Types of Buyer

Mr. Knights now proceeded to speak of ten different types of buyer encountered, and indicated how to deal with each. First, he said, there was the price-cutter. He (the speaker) had no objection to a man being a keen buyer of printing; he did not expect him to waive economic laws in his (the speaker's) favour. But there were those price-cutters who were vicious, and deliberately played off one man against another. The only way to tackle that class of price-cutter was to convince him of his own folly. The price-cutter got exactly what he paid for, and sooner or later he would burn his fingers. The only hope for the salesman was to catch one after he had burnt his fingers. He advised them to refuse to cut prices and seek business elsewhere.

Secondly, there was the "ideas thief." He believed that the printing industry would have to be as firm in its stand against them as the advertising business had been. As long as they were prepared to go on rolling

out ideas for customers, it was only natural that the customers would take advantage of it, and sooner or later they (the printers) would come up against the ideas thief who asked them to put up ideas and then asked other people to reproduce them. One prominent gentleman in the industry said his method was never to leave any creative work which his firm had produced with the print-buyer in any circumstances whatever. He would call as many times as necessary. In the event of a particularly flagrant case he thought it would be good for the industry if action was taken.

Thirdly, there was the "ignorant buyer," said Mr. Knights. They could not expect every buyer to be as well informed on print as they were themselves. They could and should, however, do something to remove that ignorance. They should develop that buyer's little knowledge into a proper knowledge so that he became a keen and intelligent buyer of print.

Then there was the "invisible buyer." He had already given them the answer—interest. Find out what he was interested in, by watching the trade papers and listening to scraps of conversation.

Look After the Jam

The fifth type of buyer Mr. Knights called the "jam to-morrow" buyer. The man who had a nasty bit of work, who wanted proofs to-morrow, and said that the next time he wanted a million booklets they would get the order. He advised them to find out whether there was any jam, and whether anybody was getting good orders from him. If so, keep in with him. But if there was no jam, he would write him off the list and get busy elsewhere.

Then there was the buyer who, in Mr. Knight's words, "leaves it entirely to you, but doesn't"—the man who gave them terrible copy and layout, and told them to take it away and make a good job of it. They did that, proofed it, and then the buyer started carving it about. It was perfectly all right until he got the bill, and saw the author's corrections. When a job was left entirely to them, Mr. Knights advised them to have it understood that corrections would be charged for. It might be necessary to submit supplementary estimates. Let the buyer realise what he was doing as he went along. What he suggested was not drastic. They had got to be firm with such difficulties.

The seventh type of buyer was the one who wanted a brain-wave like "Where's George?" He had not much use for that kind of buyer. He would tell him that they could give him excellent ideas, but a brain-wave cost a lot of money.

The corrupt buyer, Mr. Knights said, was easy to deal with: there was only one way, and that was to have nothing whatever to do with him.

Timid Buyers and Bullies

The ninth buyer was the timid one, and Mr. Knights was reminded of some words of Omar Khayyam, "Gently, brother; gently, pray!" He said that to the salesman who was handling a timid buyer. It would pay the salesman to lose an order or to cut it by half rather than be unscrupulous with this class of buyer. The timid buyer was a man of whom they could make a lifelong friend. Those buyers they helped in their (the buyers') early days would remember them in the days of their strength.

Finally there was the bullying buyer. The only thing for the salesman to do was to bully back. He

never knew a salesman who had gained anything by knuckling down. And nothing would give them the courage to stand up to the buyer like knowledge of their job.

Concluding, Mr. Knights said that brought him to his last point, that the alpenstock that would help them to surmount these obstacles he had outlined was knowledge. They should realise that difficult buyers presented obstacles which they could only surmount by courage backed up by a complete and exhaustive knowledge of their job.

In the brief discussion which ensued, Mr. L. J. Cumner said, with regard to speculative sketches, that many printers thought they could extend their business by definitely giving free sketches. Mr. Knights said that was a pertinent point. He had not the slightest intention of saying anything against the printer who was trying to run his business on creative lines. His aversion was the printer who had a number of sketches prepared and sent them round at random. They should find out a man's problems first, and then produce something which was suitable for him and him alone. Col. Hooper and Mr. B. C. Budd also spoke.

Col. Hooper, in proposing a vote of thanks to the lecturer, spoke of the sound nature of the address. Mr. Knights had said they ought to educate the buyer, and in that connection Col. Hooper referred to the "Print-User's Year Book," which Mr. Knights has recently edited and published.

Mr. P. G. Crannis seconded the vote, which was most heartily carried, and Mr. Knights briefly returned thanks.

Hours of Work and Employment

An important conference on the subject of hours of work and employment is to be held at the London School of Economics, under the auspices of the League of Nations. One of the subjects which has been under consideration by the International Labour Organisation during the past year has been the reduction of hours of work by mutual agreement as a remedy for unemployment, and this matter is again on the agenda of the International Labour Conference for its meeting at Geneva in May next. Meetings will take place on Tuesday, Wednesday and Thursday, February 20th, 21st and 22nd.

Following a welcome by the Rt. Hon. Viscount Cecil of Chelwood, deliberations will open with a general survey of the present position and proposals, and it is interesting to note that the chairman on this occasion will be Mr. H. G. Tanner, joint managing director of Messrs. E. S. & A. Robinson, Ltd., Bristol. In the afternoon of the same day, "The Economic Consequences—Effect on Wages" will be considered, and this will be pursued further on the following Wednesday morning. The afternoon of February 21st is to be devoted to the problem of children and young persons. Thursday, February 22nd, under the chairmanship of the Rt. Hon. Lord Luke, will open with a discussion of "The Problem in Other Countries," followed in the afternoon by "The International Labour Organisation and the Problem."



From the cliffs you will see (without a qualm) trawlers sink below the horizon.

The world is no longer flat and the boats have not gone over the edge!

Being experienced in printing, the possibilities over the horizon, or, shall we say, round the corner, are not hidden from you.

Yet the greater sphere of process engraving and foundry work may not be so clear.

The vision of experts in the business would undoubtedly widen your view or bring in more from beyond your horizon.

Knighton & Cutts Ltd

Process Engravers, Photographers for Advertisers, Typesetters, Electrotypers & Stereotypers • Denman Place, Piccadilly, London, W.1 • Gerrard 5231 (6 lines)

PHOTO-ENGRAVING

LET THE PICTURE HELP !

WHY NOT ILLUSTRATE OUR NOVELS ?

By **ARTHUR KNIGHTON**

At a meeting of the Process Engravers' Club (the London Section of the Federation of Master Process Engravers) held on February 16th, 1933, an interesting address was given by the late Mr. A. J. Greenly upon "The Future of the Process Engraving Industry." In the discussion following the address Mr. Greenly suggested that somebody should write to "The Times" and ask why novels of the present day were not illustrated; more illustrations in novels should surely mean more work for the process engraver. Mr. A. Knighton said that the Victorian painters used to earn considerable sums of money in novel and periodical illustration. He was of opinion that there was something in that idea.

At the Authors' Club dinner held during the latter part of last year H.R.H. Prince George suggested a return to the illustrated novel.

The following timely article from the pen of Mr. Arthur Knighton, of Messrs. Knighton and Cutts, the well-known process engravers, and secretary of the Process Engravers' Club, discusses this idea.

Prince George at the Authors' Club a few weeks ago said "We should return to the illustrated novel." This is a thought that will probably have its appeal with every class of reader of serious or light fiction.

But the question how to accomplish such an end immediately presents two leading considerations. First of all, will the publisher afford the extra cost of illustrations, in view of the increased selling value which adequately illustrated fiction would command? Secondly, can the writer and the illustrator be brought sufficiently into a working understanding with one another to make a wide application of the partnership between them a virile and increasing feature?

It is more than likely that if the second consideration could be brought into real and sympathetic practice, the first one would answer itself. And since the publisher is usually understood to be quite able to take care of his interests, there is no need, for the moment, further to discuss his possible point of view.

The Author and the Illustrator

"Of the making of books there is no end." With equal truth it can be said that of the making of artists' work there is no end, and the question is, can the two producers be reconciled to working together for their common interests? Here is groundwork for fierce argument and contention, in which the temperamental nature of both writer and illustrator will find adequate enjoyment.

But in order to get down to reasonable consideration of the possibilities, let us assume that the smoke of battle has drifted away and that both sides are in a mood of sweet reasonableness. May I remind the author that the artist belongs to by far the older craft. Many thousands of years before the first written characters were invented, the prehistoric limner was busy on the walls of his cavern making representations of herds of bison or mammoth with their pursuing huntsmen; in some cases the scene being coloured and shaded with a fine virile touch with red ochre, yellow ochre and lampblack. Carvings of equal merit on bone and ivory were also made in the same distant ages. So that if ancient descent and heredity have any meaning at all, surely some pride of place should be given to him who appeals to our emotions through the medium of sight. The prehistoric artist delineated the most stirring things in life as he saw and knew them.

Relation of Story and Picture

But, coming to far more modern times and the advent of the written and printed word, the writer will say, "You must have a story before you can have a picture." That is true, and the most famous pictures in the world are in the highest sense of the word illustrations of fable, story or historical event, indissolubly bound up with the treasured literature of the ages.

The masters of novelistic literature in the nineteenth century were not averse to close collaboration and understanding with their illustrators. How much present and future writers do and will owe to the technique, style and inspiration of their Victorian forerunners will at a future time be acknowledged and

It has been objected by the superior people that pictures may be all very well for children but that good literature needs no addition or adornment. By all means let those who hold that view rest content in the enjoyment of such a conviction, but they must in fairness admit that they are in a very small minority.

The Demand is Here

The plain fact is that the addition of pictorial representation has become a necessity of the ordinary daily life of the multitude. If this were not so, how could one explain the world-wide appeal of the art of the cinema to people of all ages and conditions in all the countries of the world? A development of science has brought into astonishing prominence a hitherto neglected conception of the extent to which our ocular and mental perceptions may be synchronised for betterment of our appreciation and understanding.

The "movie" picture fills its place in the scheme of things as a commentary on life. It is new, and quite fairly subject to a great deal of criticism; but its quality is progressing, and it is not difficult to imagine how much finer a thing it may become. But, in the meantime, should the artist allow the field to be entirely taken up by the cinema, whilst he is denied access to the printed book?

Opportunity for Progress

Book illustration has in the past been a fertile ground for the aspirant in art, providing incentive, inspiration and a means of livelihood, whilst building up reputation and in some cases fame in the world of art. The area of opportunity is now vastly enlarged. Is it not possible by a happy conjunction between the publisher, the author and the illustrator to add a new power and vitalising influence to that side of human thought which is removed from the immense and increasing spread of mechanisation?



MR. A. KNIGHTON

understood. In the light of such an admission surely the sister art of visual interpretation should find recognition.

The Basis of Co-operation

The true function of illustration is that it should be complementary to the text. Hence the opportunity for partnership between author and illustrator by which both would benefit, at the same time bringing into play another human faculty supplementary to that of conveying a mental image or idea through the medium of the printed word.

Rapid change, most of it of an experimental kind, is the outstanding feature of our time and in all branches of human activity there is a desire to pursue an individual career. Sooner or later dissipation of activity will tend to slow down, settlement will begin to be evident and desirable points of coalescence and contact will stand out clearly and take on a value hitherto, perhaps, unsuspected. It will be in such conditions that the teller of the story and the maker of the picture will find their best expression in working together.

Big Field for Illustration

The material is there, but a beginning needs to be made. The author of fiction has an abundant market but the same cannot yet be said for the illustrator. There is a large potential body of talented men and women who need and would welcome such an outlet for their capabilities, and a public who would give their generous appreciation.

American Book Illustration

In respect of the foregoing article, it is interesting to recall the following comment upon this subject which appeared in the "Studio" (of January this year):—

In response to the call of the American Institute of Graphic Arts for American illustrated books, illustrated by American artists, or artists living in America, printed in the United States and published since January, 1931, 260 books were submitted. From this number seventeen books have been selected by a jury composed of Thomas Craven, author of "Men of Art"; Dr. M. F. Agha, of Conde Nast Publications; Carl Zigrosser, of Weyhe Gallery; Mrs. Richard Kimball, of Young Books, Inc.

In commenting on the selection, Thomas Craven states: "The illustrated books submitted by the publishers did not evoke shouts of exultation from the jury. Outstanding examples of fine illustration were rare indeed; and the difficulty was not to eliminate inferior stuff, but to make distinctions between books

of passing merit. In the end the decision was based upon the true meaning of illustration—on whether or not the pictures entered into, and illuminated or supplemented the text. In appraising the value of the pictures, consideration was given to the following questions: Is the artist entitled to illustrate this text? Has he manifested any special knowledge or understanding of the subject-matter? Is he qualified, by temperament, training and experience, to participate in the spirit of the text, and to emphasise its mood or its meaning?

"The jury summarily threw out de luxe editions of academic etchings; books in which the artist was out

of his field; perfunctory jobs by artists who have proved their talent in other works; fake modernism; abstract designs, and all hack work irrespective of physical appearance and the excellence of reproduction. Thus the field was swiftly reduced to a few specimens of honest merit; and it is worth noting that in the final selection, the jury found itself faced with a relatively large percentage of books for children and books illustrated by photographs. The reason is not far to seek. Publishers seem to have discovered the fact that children demand illustrations that really illustrate; and photography, when it is good, fulfils at least one of the offices of honest illustration."

Cold Enamel Method of Block-Making

A correspondent asks for particulars of the cold enamel method of making blocks, and inquires what are the advantages of this method over ordinary methods. It may be of interest to publish a reply.

The cold enamel method uses a resist of shellac, which can be used cold, in place of glue or albumen. The advantages claimed for this process are:—

1. The glue process requires considerable heating in order to give an efficient resist. This heating tends to change the crystalline structure of the metal and leaves it brittle.

2. The albumen process requires powdering with rosin and comparatively gentle heating to fuse it and thoroughly combine it with the greasy ink. It is sometimes difficult to remove the rosin from the bare metal and often causes a "dirty plate." Excessive brushing to remove it may break down the resist and give uneven etching, and also it may remove the powder from the finer lines and exposed dot formations, giving a shallow plate.

3. After the powder is cleaned out of a cold enamel etching with benzene, and the grease removed with lye, it can be returned to the etching bath for a slight etch to remove shoulders and undercutting, etc. Small sections of the plate can be scrubbed and locally re-etched.

4. The results obtained with the cold enamel process are less dependent on the coating and printing time.

An average formula for a cold enamel is:—

Orange shellac	...	...	28 ozs.
Ammonia (.880)	...	...	4 fl. ozs.
Water	...	...	1 gall.

The water should be contained in an enamelled vessel and heated to about 185 deg. F., and a few ounces of shellac added. The ammonia is stirred in, and immediately the rest of the shellac added slowly with stirring, which should be continued until all is dissolved. Cooking should be continued for about quarter of an hour. After the mixture is cool, 2 ozs.

of ammonia for every gallon of solution should be added. The solution should be set aside for a day or so, and filtered through paper and cloth.

A formula for the sensitiser is:—

Water	...	...	34 ozs.
Dichromate of Ammonia	4	..	
Ammonia (.880)	...	...	34 fl. ozs.

Eight ounces of this stock solution should be added to every 120 ozs. of the shellac solution and left for several hours before use.

The metal plate should be cleaned in the usual way, care being taken to remove all grease. The water should be drained off, and the plate flowed over with the solution. Whirling is carried out with the plate face down some distance away from the stove, so that excessive heat is avoided. Printing-down is done in the usual way, the time of exposure varying between 3 and 5 minutes with a double carbon arc lamp about 30 inches away.

The developing solution is:—

Industrial methylated spirit	...	4½ galls.
Water	...	½ ..
Methyl violet dye	...	1 oz.

In cold weather the water content should be increased to perhaps 1 gallon, and in hot weather it had better be eliminated entirely. The developing is carried out in a dish, the print being completely immersed. When development is complete, the plate is placed under water and all surplus enamel washed away. The succeeding steps of etching, etc., are carried out in the usual way. The powder should be cleaned from half-tone plates with benzene and grease removed with lye.

In order to obtain the best results, the following points should be observed: (1) Cleanliness; (2) Proper viscosity of solution; (3) Correct ammonia content of solution; (4) Correct developer and developing time; (5) Careful whirling to avoid overheating; (6) Avoidance of moisture on print before developing.

PROCESS PERSONALITIES

WILLIAM BELL HISLOP

One of the most popular members of the Federation of Master Process Engravers is indubitably the chairman and hon. secretary of the Scottish Association of Master Process Engravers—Mr. W. B. Hislop. He is in no way the canny Scot of legendary fame. Not



MR. W. B. HISLOP

that one would suggest that he lacks caninness or is in any way uncanny. But he has a sunny smile and a charming personality that make for sincere and lasting friendship.

He was born in Leith in 1882, educated at Leith High School and Trinity Academy. His technical education was obtained at day and evening classes of the Bolt Court School of Photo-Engraving, under Mr. C. W. Gamble, between the years 1897-99. In the latter year he returned to Edinburgh and entered his father's business, Messrs. Hislop and Day. In 1906 he was appointed manager of the Annan Engraving Co., Glasgow. This business was subsequently acquired by Hislop and Day, and after some years brought to Edinburgh and merged into the latter business. Mr. Hislop was in charge of the operating and colour department of Messrs. Hislop and Day from 1911 to 1914. Upon the outbreak of the Great War he was called upon to devise more exact methods of preparing scales for naval gun sights, and when this was accomplished was placed on the technical staff of Messrs. Barr and Stroud, Ltd., Glasgow, ultimately having charge of all the scale-cutting and engraving and a considerable amount of experimental work.

He returned to Edinburgh in January, 1919, and upon the death of his father in the following month he became managing director of Messrs. Hislop and Day, which firm had been registered as a limited company in 1917.

He has always taken a keen interest in the Federation of Master Process Engravers and has acted as correspondent for the Scottish Section. He is now chairman and honorary secretary of the the Scottish Association of Master Process Engravers and has been for many years a member of the Council of the Federation.

Mr. Hislop possesses a sound judgment and his opinions command great respect in Federation circles. He has done a great deal of work on the various committees, and when his opinion has been sought it has been found to be one that could be absolutely relied upon. He is, too, a member of the Joint Industrial Council for the process trade.

He has always had a fondness for scientific work, and started teaching technical classes in process work in 1902 at the Heriot-Watt College, and still does a great deal in that direction. He has been for some years an examiner in photo-process work, to the City and Guilds of London Institute. He is now acting as sub-editor of the "Process Engraver's Monthly," and has contributed numerous technical articles to trade journals. In this connection it is interesting to note that Mr. Hislop has taken a great interest in photo-mechanical typesetting. He was elected a Fellow of the Royal Photographic Society in 1924 and takes interest in the whole field of printing, being at present a member of the Executive Board of the Scottish Alliance of Master Printers.

Mr. Hislop has a charming wife, a son and a daughter.

His spare time, what there is of it, is spent mostly out of doors—walking, motoring and camping. He is interested in various branches of scientific work, particularly natural history, and is keenly interested in the Rotary movement, having been a member of the Edinburgh club since 1913 and being at present vice-chairman of the Scottish District.

It is a matter for regret that his business is situate so far from London, since his presence at Federation gatherings is always a source of joy. At the business meetings his sound judgment has contributed much to the making of the right decisions.

A LADIES' PENSION EFFORT.—Miss A. Holman, Mrs. Walter Warren, Mrs. W. Crosby and Mrs. Mouse, are to take the chair at the next concert of the Electrotypers and Stereotypers' Auxiliary to the Printers' Pension Corporation on Monday at Anderton's Hotel. The ladies are hopeful of receiving the industry's support for their joint effort. An excellent concert programme has been arranged.

"Nickeloid News"

The January issue of "Nickeloid News" is in the way of an experiment—an experiment which called for courage and belief in all that the Nickeloid name stands for. The result—fortunately for the Nickeloid Electrotype Co., Ltd., and those who receive a copy of the "News"—has been entirely successful, providing enlightenment on a problem which has worried many printers.

The issue is specially devoted to Nickeloid colour-engraving and to fine-screen half-tone printing on matt-surfaced papers. The printing of the "News" was put into the hands of a printer whose work is mainly rotary production of periodicals, and the 16 page section containing the monochrome half-tones was printed as one sheet on a cylinder press. The aim has been to drive home the fact that printing of fine-screen half-tones on matt-surfaced stocks is no special process, but one well within the range of every letterpress printer.

There are two excellent colour insets engraved direct from colour photographs and printed from Nickeloid-produced Albert Galvano nickeltypes.

There are various examples of fine-screen half-tone work throughout the issue, from blocks produced by Nickeloid. The cover—a picture of a painter's palette and brushes—was printed with duotone ink, and gives a realistic photogravure effect. Other specimens are printed in matt inks, giving an approximation to the deep offset process. The January "Nickeloid News" is evidence of the unusual skill and service which the

Nickeloid Company gives—from artist's work or layout to the finished colour-set or stereotype. In this connection we would draw attention to the company's two-page advertisement in this issue, in which printing executives are offered the opportunity of acquiring a portfolio of Nickeloid-engraved line, tone and colour plates.

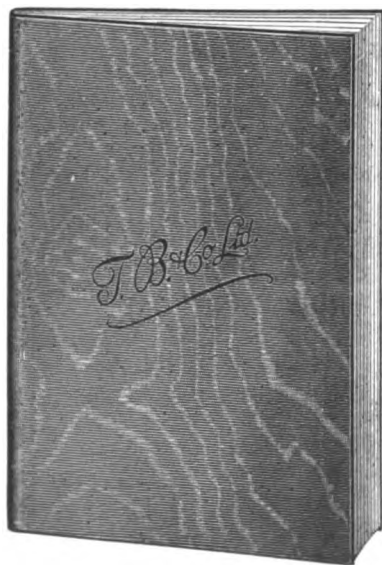
The letterpress in the "News" is both helpful and interesting. Following an account of the Nickeloid service, is a useful article on the value of colour, which is supported by a further article on "Discrimination in the use of half-tone colour." Mr. A. T. Hopkins, the process-engraving manager of Nickeloid, writes authoritatively on "Using non-coated papers for letterpress half-tone." This issue sees the beginning of a "Who's Who at Nickeloid" section, and the first in it is naturally Mr. J. A. Corey, director and general manager. Mr. James Miller, deputy general manager, is also a contributor to an issue which both in text and illustration is remarkably satisfactory and useful.

Printers' League Football

The results of matches played on Saturday (20th) were as follows:—

Bowaters	1 v. Haycock Press	5
Crowther and Goodman	6 v. Waddingtons	1
Loxley Bros	3 v. Cannon House	2
De La Rue	2 v. Henry Good	2
Oyez	6 v. Waterlows	2

ENVELOPES



Better Envelopes for your Customers !

The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines.


Post Free upon application, this is a handy means of reference for all engaged on selecting the right envelope for the right job.

THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C. 4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C. 1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C. 1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dransfield, 25, Lime Street, E.C. 3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czechoslovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N. 1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPING CO., LTD., Printer Street, London, E.C. 4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornhill chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E. 1.

 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C. 4. Tel.: City 4948 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

Death of Mr. Harry Williams

With much regret we have to record the death of Mr. Harry Williams, which occurred on Tuesday last week at his home at Chorley Wood, Herts, at the early age of 56



MR. HARRY WILLIAMS

years. Mr. Williams was, of course, head of the well-known house of H. Williams and Sons, makers of electro, stereo, and photo engraving machinery, Red Lion Works, Warner Street, Rosebery Avenue, E.C. He was forced by ill-health some twelve months ago to take things more easily and has lately been rarely seen at his London office. Although

he thus had to curtail many of his activities in connection with the business, he remained an active director of the firm which was then formed into a limited company and his advice was of inestimable value in the conduct of the business. Mr. Williams had suffered much from poor health for some considerable time, acute bronchitis being a great trouble to him. However, in spite of many bodily difficulties he kept cheerful and courageous.

The business of Harry Williams and Co. was established in 1870 by Mr. Harry Williams, father of the deceased, the son coming into the business in 1902. Many foundries in England still have appliances that were made by the original Harry Williams and are still in efficient working order.

Mr. Harry Williams, the younger, did some meritorious work for the Ministry of Munitions during the War, when the demand for electrotyping and stereotyping was brought to a standstill. Besides supplying to the Royal Arsenal several machines of his own design, manufactured to expedite the output of munitions, he introduced a method, which was accepted, of filling the tetryl tubes without this material having to be actually handled by the workers as was formerly the case. For his services in connection with this work Mr. Williams received the grateful thanks of the Ministry of Munitions. By his ability Mr. Williams earned for himself a reputation as a leading engineer. He was a man of the highest integrity, and was generous almost to a fault.

He was at one time a member of the Council of the Association of British Manufacturers of Machinery for the Printing and Allied Trades. He took a practical interest in the work of the Stereotypers' Trade Auxiliary. Even when the claims of health should have had first consideration, he would often be found present at a city gathering supporting a good cause in connection with the trade. Both St. Dunstan's and Dr. Barnardo's benefited considerably by his exertions.

Mr. Williams leaves a widow, two daughters and three sons.

The remains of the late Mr. Harry Williams were laid to rest on Friday at Chorley Wood Cemetery, after a service at the Chorley Wood Parish Church. There were present here, amongst others, Messrs. A. Chadwell (W. G. Briggs and Co., Ltd.), Harry Knowles (McLaughlin and Knowles), J. S. Sunderland ("Morning Advertiser"), A. E. Wood (Odhams), and A. E. Shiner. The large number of wreaths included one from the Electrotypers and Stereotypers' Managers and Overseers Association.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTOTONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

S.-E. London Master Printers

Seventy-five members, ladies and guests attended the sixth annual dinner of the South-East London Master Printers Association, held at the Florence Restaurant, Rupert Street, W.1, on Tuesday of last week. Mr. Fred. Mason, senior vice-president of the London Master Printers Association, was the guest of honour, in the absence of Col. Hooper, who was unable to attend. Mr. Errington, president of the South-East, with Mrs. Errington, presided over the assembly, which was also graced by the presidents of the E. & N.E., N., and S.-W.

After the excellent dinner, Mr. Mason proposed the toast of "The South East Association." He first touched on the evils of price-cutting, and then went on to speak of the forthcoming conference at Torquay, saying he hoped that it would be well supported by the Young Master Printers. He concluded on the note that, after Mr. Brigenshaw, he was the oldest member of the South-East. He had, he said, watched the growth of the Association, and he was more than delighted with the present lusty child. Mr. Errington, in reply, paid tribute to the good work that Mr. Mason had done for the Association, and said how pleased the Association was to honour him as they had done that evening.

Dancing was then enjoyed by all, to the strains of the Grafton Band. Mr. H. L. Norman acted as M.C. during the dancing, performing his duties in a very able manner. Between the dancing, a very fine cabaret turn was given by Lionel Barlow and Vera Griffiths (late Neapolitan Serenaders) and the evening concluded with Auld Lang Syne and The King.

Lithographers' Auxiliary

Great success marked a concert of the Lithographers' Auxiliary to the Printers' Pension Corporation held on Monday at the Cannon Street Station Restaurant (Great Hall). The chair was occupied by Mr. Percy Squire (managing director of Messrs. John Kidd and Co., Ltd.), who was successful in raising the magnificent sum of £250. A hearty vote of thanks expressing the large gathering's appreciation of the chairman's efforts was accorded on the motion of Mr. C. W. Sperring (the president). A fuller account of the concert will appear in our Lithographic Issue next week.

RISCATYPE.—Messrs. Yendall and Co., Ltd., announce that their trade mark "Riscatype" has been registered by the Patent Office. Their new 150-page loose-leaf catalogue is in the press. A number of new faces have been added and existing families have been completed. As new faces are added, printers will be sent extra leaves for insertion to keep the catalogue up to date. The firm state that they have recently altered the analysis to harden considerably their 6, 8, 10 and 12pt. type—and this without increasing the price. Cases of this type in the new analysis will be exhibited at the British Industries Fair, Olympia, February 19th to March 2nd, and printers are invited to visit their stand where they will be able to obtain samples of all sizes to test for themselves the quality of the product. Copies of the new catalogue can be had on application, mentioning the **BRITISH AND COLONIAL PRINTER**, from Risca, Monmouthshire, or 11, Plough Court, Fetter Lane, E.C.4.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and Italic)

GOTHIC, LINING

(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN

(light and 110)
IMPRINT, Etc.

Our **MAKE-UP** and **HAND-DISPLAY** DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

**A Remarkably Up-to-date
and Complete Reference
Library for Printers**

THE ART AND PRACTICE of PRINTING

Edited by William Atkins

Complete in Six Volumes

This authoritative and comprehensive work covers every branch of printing and allied trades. It forms the most valuable reference library any printer advertising man or engraver can possess. It has been compiled by experts and is hailed as a standard work. The six volumes comprise the following : **THE COMPOSING DEPARTMENT . LETTERPRESS PRINTING . LITHOGRAPHY . PHOTO-ENGRAVING . ELECTROTYPING AND STEREOTYPING . BOOK BINDING AND RULING . PRINTING OFFICE MANAGEMENT.**

Each volume fully illustrated with diagrams and photographs - - - - - 7/6 net

"Mr. Atkins has done a service to his generation in producing this useful pentechicon of modern methods appertaining to the printing industry as a whole."—THE NEWSPAPER WORLD.

Order from a bookseller or direct from
the Publishers

PITMAN

Parker Street . Kingsway . London, W.C.2

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 21s. 3d., 21s. 7½d., 6½ p.c. 1st pref. 24s. 1½d., 24s. 6d.; Amalgamated Press (10s.) 21s. 4½d., 21s. 5½d., 7 p.c. pref. 24s. 6d., 24s. 4d., 4½ p.c. 1st deb. 103; Argus Press Holdings 7½ p.c. pref. 23s. 6d., 23s.; Associated Newspapers 27s. 9d., 28s., defd. (5s.) 21s. 3d., 21s., 5 p.c. pref. 23s.; British Glues and Chemicals (4s.) 4s., 8 p.c. ptptg. pref. 22s. 6d., 23s.; Buff Book 24s., 25s., defd. (1s.) 1s. 3d., 1s. 4d.; Sir Joseph Causton 5 p.c. pref. (£10) 52s. 6d.; Country Life 5½ p.c. pref. 18s.; R. W. Crabtree pref. (10s.) 6s. 7½d., 7s. 3d.; Daily Mirror 5 p.c. deb. 106, 107; Daily Sketch 5 p.c. deb. 104½; T. De La Rue 15s.; J. Dickinson 46s. 6d., 46s. 9d.; Financial Newspaper Proprietors 5s. 10½d.; Financial News 5 p.c. pref. 15s. 9d. xd.; Financial Times 7s. 6d., 8s. 6d., 7 p.c. pref. 19s. 1½d., 18s. 9d.; Illustrated Newspapers 8s. 3d., 7 p.c. pref. 16s. 7½d., 16s. 3d.; Kelly's Directories 6 p.c. pref. 27s. 1½d., 7½ p.c. pref. 30s. 3d.; Lamson Paragon Supply 22s. 10½d., 23s. 6d., 10 p.c. pref. 31s. 9d.; London Express Newspaper 7 p.c. pref. 23s., 23s. 4½d.; Monotype Corporation 32s. 6d. xd.; G. Newnes (10s.) 28s., 28s. 1½d., 5 p.c. 1st pref. 21s. 6d.; Odhams Press (4s.) 8s. 10½d., 8s. 1½d., 6 p.c. pref. 23s., 6½ p.c. A pref. 23s. 6d.; C. A. Pearson 5½ p.c. pref. 19s. 9d.; Portsmouth Newspapers 5 p.c. pref. 20s. 4½d.; Sunday Pictorial 44s., 44s. 3d.; United Newspapers 7½ p.c. pref. 4s.; Waterlow and Sons defd. 17s. 6d., prefd. (6½ p.c.) 23s. 6d., 4 p.c. pref. 18s. 3d.; Weldon's prefd. (10 p.c.) 20s. 9d.; Winterbottom Book Cloth 36s. 10½d.

Dividends and Reports

GEORGE OUTRAM.—Final dividend of 7½ per cent. on the shares of these Glasgow newspaper proprietors and publishers, making 15 per cent., less tax, for year (unchanged).

New Companies

NATIONAL TYPESETTING SERVICE, LTD.—Capital £1,500 in £1 shares; to acquire the business now carried on at 43, Thomas Street, Liverpool, as the National Typesetting Service, and to carry on the business of typesetters, typefounders, stereotypers, electrotypers, etc. Private company. First directors: Percy Comerford (chairman), Geo. A. Kibbey (managing director) and Margaret E. Comerford. Solicitors: McKenna and Fishwick, 5, Cook Street, Liverpool.

L. T. SALTS, LTD.—Capital £500 in £1 shares; advertising and publicity agents, specialists and consultants, press and press

cutting agents, advertising contractors, sign designers and manufacturers, manufacturing and retail stationers, printers, publishers, newspaper proprietors, etc. Private company. Directors: Leslie T. Salts and Mrs. Winifred Salts. Registered office: 51, North John Street, Liverpool, 2.

GEORGE A. GREENWOOD, LTD.—Capital £1,000 in 900 6 per cent. cumulative preference shares of £1 each and 2,000 ordinary shares of 1s. each; advertising and publicity agents and specialists, press and press cutting agents, etc. Private company. First directors: George A. Greenwood and Stanley H. Wrinch. Registered office: 6, Devereux Buildings, Devereux Court, W.C.2.

HIGHLAND ADVERTISING CO., LTD.—Capital £500 in £1 shares; advertising contractors and agents, service agents and publicity agents, etc. Private company. Directors: Dr. Thos. H. W. Alexander, F.R.C.S., J.P., and Robert Wotherspoon. Registered office: Royal Bank Buildings, Drummond Street, Inverness.

EUROPEAN HERALD, LTD.—Capital of £2,000 in £1 shares; newspaper, magazine and periodical publishers, etc. Private company. First directors: Col. Wm. M. Ogg and Friedrich C. Kruger. Solicitors: Buckeridge and Braune, 3/4, Clements Inn, W.C.2.

CARTWRIGHT PUBLISHING CO., LTD.—Capital £500 in £1 shares; printers and publishers of newspapers, periodicals, journals, magazines, books and other literary works and publications, advertising and press agents, etc. Private company. Permanent directors: Dennis Cartwright (managing director) and David Cartwright ("Antrim," Meadway, Shoreham-by-Sea).

ALDWYCH PRESS, LTD.—Capital £2,000 in £1 shares; statistical bureau, and proprietors and publishers of newspapers, journals, magazines, books and other literary, artistic or commercial works and undertakings, etc. Private company. Subscribers: Alfred L. Holder and Alfred J. Fincham. Registered office: Aldwych House, Aldwych, W.C.2.

R. T. T. PUBLISHING CO., LTD.—Capital £1,000 in £1 shares; proprietors, printers, publishers and vendors of newspapers, books and pamphlets, advertising agents, etc. Private company. Subscribers: Harry E. Hancock (2, Glendale Avenue, Edgware), and Winifred D. Corley.

SYDNEY ASTLE, LTD.—Capital £100 in £1 shares; printers, lithographers, stereotypers, publishers of books, magazines, newspapers, etc. Private company. Directors: Sydney Astle and Mrs. Mary S. Astle ("Lydstep," Ack Lane, Bramhall, Ches.).

Increases of Capital

MILLS AND MILLS, LTD. (billposting and advertising contractors, etc., 32, Earl

S P I C E R S

LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

Street, Coventry).—The nominal capital has been increased by the addition of £4,000 beyond the registered capital of £1,000. The additional capital is divided into 4,000 ordinary shares of £1.

COOKE AND NUTTALL, LTD. (paper-makers, etc., Vale Paper Mills, Horwich).—The nominal capital has been increased by the addition of £50,000 beyond the registered capital of £50,000. The additional capital is divided into 50,000 ordinary shares of £1. Each share of £5 in the original capital has been sub-divided into five shares of £1.

Mortgages and Charges

C. M. WALKER AND CARSONS (PRINTERS), LTD. (formerly Carson's (Printers), Ltd.) (20, Norfolk Lane, Sheffield).—Debenture, dated January 4th, 1934, to secure £2,700, charged on the company's property, present and future, including uncalled capital. Holder: C. M. Walker, Brookleigh, Whirlowdale Road, Sheffield.

C. H. VYSE, LTD. (stationers, printers, etc., Church Street, Stoke-on-Trent).—Particulars filed of £1,250 debentures, authorised January 3rd, 1934, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

CASTLE PRESS, LTD. (12, Caer Street, Swansea).—Particulars filed of not more than £300 debentures, authorised December 30th, 1933, charged on the company's property, present and future, including uncalled capital, the amount of the present issue being £300.

W. J. HAY AND CO., LTD. (wholesale and manufacturing stationers, etc., 223, Philip Lane, Tottenham).—Satisfaction in full on December 30th, 1933, of charges dated October 21st, 1932, and registered October 27th, 1932. (According to the register of mortgages, the only charges registered October 27th, 1932, were three mortgages which originally secured all moneys due to bank not exceeding £3,000, £700 and £2,000 respectively.)

M. M. BELL AND SONS, LTD. (cardboard box manufacturers, etc., 11, Arundel Lane, Sheffield).—Satisfaction to the extent of £2,000 on December 30th, 1933, of debentures, authorised July 22nd, 1929, and registered July 29th, 1929.

GEO. J. POORE AND CO., LTD. (stationers, printers, etc., 59-61, Tithebarn Street, Liverpool).—Satisfaction to the extent of £1,000 on January 1st, 1934, of debentures, authorised March 21st, 1927, and registered April 6th, 1927, securing £10,000.

RICHARD SHUTT, LTD. (newspaper and magazine proprietors, etc., 63, Cheadle Road, Cheadle Hulme, Ches.).—Satisfaction in full (1) on January 2nd, 1934, of charge dated May 26th, 1931, and registered June 4th, 1931, and (2) on January 4th, 1934, of second charge dated

Comps

LTD.

LINOTYPERS
TO THE TRADE

LET US
QUOTE

The extra efficiency we are able to give you, an ever-ready **DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something.

And our price, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade**.

Some of our type faces:

14pt. Cheltenham Wide with Cheltenham Bold.

12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).

12pt. Kennerley and Italic.

12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.

12pt. Modern with Doric and Italic.

11pt. Scotch and Italic.

10pt. and 8pt. Cheltenham Wide and Italic.

10pt. and 8pt. Book-print and Cloister Bold.

10pt. and 8pt. Garamond and Italic.

10pt. Modern and Italic.

10pt., 8pt. and 6pt. Old Styles with Doric and Italic.

9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

May 27th, 1931, and registered May 28th, 1931. (According to the register of mortgages, the only charge registered June 4th, 1931, was a mortgage which originally secured £1,100 and any other moneys due, and the only charge registered May 28th, 1931, was a second mortgage which originally secured £200.)

Receivers Appointed or Released

WILLIAM H. RANDELL, LTD. (printers and stationers, etc., 6/7, Gunpowder Alley, E.C.4).—B. Collett, of 46, Basinghall Street, E.C.2, ceased to act as receiver and/or manager on January 2nd, 1934.

MARCHMONT ENTERPRISES, LTD. (embossers, printers, etc., 63, Marchmont Street, W.C.1).—H. Cockcroft, of 329, High Holborn, W.C.1, ceased to act as receiver on January 4th, 1933. (Notice filed January 13th, 1934.)

NATIONAL PRESS OF WALES, LTD. (Castle Square, Carnarvon).—E. W. Davies, of 32, Castle Square, Carnarvon, ceased to act as receiver on December 30th, 1933.

WOODCHESTER PUBLICATIONS, LTD. (Dudbridge, nr. Stroud).—L. Dudbridge, of 8, Lansdown, Stroud, Glos., ceased to act as receiver on December 31st, 1933.

TENDERS

CITY AND COUNTY OF BRISTOL

To Printers, Stationers, etc.

THE Corporation of Bristol invite Tenders for the supply of Printing and Stationery for the period of three years ending March 31st, 1937, as follows, namely:—

- | | |
|-------------------------------|-------------------------------------|
| 1. Account Books and Ledgers. | 9. Duplicating Sundries. |
| 2. Ledger Sheets. | 10. Stationery Sundries. |
| 3. Quarter bound Books. | 11. Typewriter-Ribbons and Carbons. |
| 4. Pamphlets. | 12. Drawing office Materials. |
| 5. Printed Forms. | 13. Envelopes. |
| 6. Printed Cards. | |
| 7. Special Receipt Books. | |
| 8. General Stationery. | |

Copies of the general conditions, schedules and forms of Tender may be obtained, and samples of the available stationery and books inspected at the Printing and Stationery Office of the Corporation, 3, Bristol Bridge, Bristol, on and after January 29th next. Other samples may be inspected at the various offices referred to in the Schedules.

Each Tender must be on the prescribed form and must be delivered to the City Treasurer, the Council House, Bristol, in a sealed envelope endorsed "Printing, etc.," not later than 12 o'clock noon on March 10th next.

Where possible preference will be given to Contractors who are on the King's National Roll, and the Corporation does not bind itself to accept the lowest or any Tender.

JOSIAH GREEN, Town Clerk.
The Council House, Bristol.
January 20th, 1934.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

BARCLAY Treadle Paging Machine, two sets wheels. Full particulars from Box 16136.

CROWN FOLIO Reddish Jobber, Treadle and Power, £30. Seen by appointment only.—"Chemist," 184, High Street, Penge, S.E.20. 16137

DAWSON, Quad Royal WHARFEDALE, Balanced Flyers, Geared Inking, etc.—Apply Box 16142.

ELLIOTT AND CO., Quad Crown WHARFEDALE, Balanced Flyers, Geared Inkers, Geared Distributors and Cutter, Air Buffers, etc.—Box 16139.

FALCON PLATEN, excellent condition, low price. Can be inspected at 131, Finsbury Pavement, E.C.2. 16121

FURNIVAL Demy Wharfedale, Power, Double Drive; in perfect order.—Box 16133.

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

PHOENIX PLATEN No. 4, nearly new, hardly used. Particulars from 131, Finsbury Pavement, E.C.2. 16122

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing RISCATYPE. 15732

WANTED

SITUATION VACANT

IMPROVER.—BOOKBINDER with some years experience wanted immediately. State wages required and full particulars, references, etc.—Apply: Multicolor, Ltd., Letchworth, Herts. 16148

SITUATIONS WANTED

BINDER, Letterpress and Stationery Forwarder, seeks situation.—4, Hill Crescent, Surbiton, Surrey. 16130

BINDER seeks situation; Account, Publishers, Misc., or Cutter. Young, N.S.—B., c/o Mrs. White, 94, Shakespeare Road, Herne Hill, S.E.24. 16131

COMP, display, job., make-up, advts.—9, Evelina Road, Nunhead, S.E. 16125

COMP-MACHINIST (N.S.), Platens, General Jobbing, Display and Commercial; proficient.—Write Box 16132.

COMP., N.S., seeks sit.; first-class Hand, used to Stone, etc.—Hodge, 2, Cobden Road, S.E.25. 16143

FEMALE, 14 years' experience, seeks situation, Folding, Wire-stitching, and Wrapping.—Box 16146.

MACHINE Ruler, Double Striker, experienced, age 26.—Hine, 29, Priory Road, Tonbridge, Kent. 16145

PLATEN or Wharfe. MINDER seeks sit.—41, Northcote Road, Walthamstow, E.17. 16144

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

YOUTH, five years' experience single and two-colour Wharfedale machines, seeks change.—E. Croxford, 18, Howard Road, London, N.16. 16124

MISCELLANEOUS

ADVERTISER wants to purchase Waste Papers in Press-packed Bales, Strawboard Waste, Printers' Shavings, etc., etc., anywhere. State quantities available to Box 16147.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS

THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.

PHONE
GERRARD 3664 (4 LINES)
The
WEST END
ENGRAVING
COMPANY LTD
17, ST ANNE'S CT.
WARDOUR ST. W1

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

BLOCKMAKERS

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm



ENGRAVERS

FOR GOOD SERVICE

MARSHALL

ENGRAVING CO. LD. CENTRAL 4626
12 & 14 FARRINGDON AVE. E.C. 4 LINES

**ARTISTS
PHOTOGRAPHERS
PHOTO ENGRAVERS**

GOLD PRINTING INKS



PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678

Telegrams : "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

CONTRACTORS FOR OVER SIXTY YEARS TO H.M. PRINTING OFFICES,
HON. BOARD OF INLAND REVENUE AND THE PRINTING TRADE GENERALLY



Registered Trade Mark

Established 1868

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
An extensive and up-to-date Plant enables all orders to be dealt with promptly.

Compositions

for Home & Export in grades to suit all requirements. None but the finest and MOST SUITABLE materials are used. Look for the Trade Mark, as above, on every slab. Obtainable through all Importing Houses.

"THE DURABLE" PRINTERS' ROLLER CO., LTD.

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

PROCESS BUY  BRITISH COPPER

THE BRITISH AND COLONIAL PRINTER AND STATIONER

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 275

LONDON: February 1, 1934

EVERY THURSDAY
PRICE THREEPENCE

EMPLOY OUR COMPLETE SERVICE



AND ENSURE A SMOOTH PASSAGE

From STUDIO to PRESS
in HALF-TONE, LINE and COLOUR

ROTARY GRAVURE . . . OFFSET-LITHO . . . TYPE-SETTING . . . ELECTROTYPING
STEREOTYPING . . . PHOTOGRAPHY . . . DESIGNING . . . WOOD-ENGRAVING

Columbia House
89-92 SHOE LANE
LONDON E.C.4

JOHN SWAIN
— AND SON - LIMITED —

Works at BARNET —
Branches at — PARIS
: MANCHESTER :
BRISTOL & GLASGOW



TELEPHONE
CENTRAL 9333 (5 Lines)

FRY'S SERVICE IS AS GOOD

Digitized by Google

The Winter Number of **PAPER & PRINT**

is Now on Sale

Rich in illustration, colour and helpful reading matter, this is another striking production.

The many features include :

Printing Specimens Reviewed	...	H. A. Maddox
Choice of Papers and Inks	...	R. B. Fishenden, M.Sc.Tech.
Pitfalls for Paper Users	...	Edw. A. Dawe
Poster and Showcard Design and Printing	...	Alfred Bastien
Lithography in Present-Day Sweden	...	Joseph Goodman, F.R.P.S.
Half-tone Blocks & Paper Surfaces	...	A. Grout & W. E. Barnard
Carton Making and Printing	...	E. Gurd
A Warning to Carton Makers	...	P. J. Stevens
Guide to Present-Day Types	...	A. F. Johnson
Review of Successful Layouts	...	W. E. Trimble
Safety Guards for Guillotines, etc.	...	

Technical queries are answered, and new machinery and supplies reviewed. Numerous fine insets exemplify papers, boards, inks and printing processes.

If you are not already a subscriber it is advisable to order **NOW**. **PAPER & PRINT** is always sold out soon after publication, despite increased printing order. The cost is **FIVE SHILLINGS** per annum, or if ordered through your newsagent **One Shilling** per copy.

STONHILL & GILLIS LTD

58 SHOE LANE

LONDON, E.C.4.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 275

LONDON : February 1, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

TRADE continues good with many printers, and the feeling grows stronger that the worst period of the depression is behind us. In some quarters there is great activity, accentuated no doubt by the early advent of the British Industries Fair.

* * *

Rush Orders

EACH year this big show provides a lot of work for printers in all parts of the country, and each year the buyers of printing fail to profit from experience. They leave their paper and print requirements until the last moment, and give no opportunity for turning out work in decent fashion. Year after year February brings round its hectic rush, unreasonable overtime and the jeopardising of quality. A little more business sense and thoughtfulness on the part of those responsible for buying printing, and there would be work for some of the men who are out of work instead of extra wages for overtime and extra fatigue for those in work. Even as it is, printers who are finding themselves pulled out of the place with orders and demands for delivery might find themselves able to spread the work out a bit. These are the days when one printer might find it possible to help another less fortunately placed. It will be a fine sign when we get to this as a change from the drawn-out era of selfish

desire. The days of price-cutting and job-robbing are numbered once there is enough work to go round. The going-round process is embarked upon when one printer helps another.

* * *

Maintaining Fair Prices

IN the northern district a definite policy to bring about a better state of mind has marked the success of its first phase by the issue of a printed list of members who are pledged to do their utmost to maintain fair prices in their area. It remains for the members to act right up to their profession and to be frank and courageous in pursuit of their avowed policy. Nothing but good can come of the movement, and it is to be hoped that as time goes on the list will become regarded as a register of members collaborating to save the industry from economic ruin. It is commonly discussed among buyers of printing that the printing industry is in a bad way, and there is no sympathy—nothing but condemnation of the senselessness of printers who take work at any price. The best-intentioned printing buyer will take advantage of the printer's folly and will blame the printer for being such a fool as to work hard to lose money. There will be a greater respect for printers as a body when they have the sense to

ON OTHER PAGES

	PAGE
Personalia	106
Burns Nicht at Gravesend—	
Peter Ness Presides	108
Mr. Elias and the P.P.C.	110
Printers Entertain Sir Godfrey Collins	111
Trade Notes	112
Accidents in Industry	113
Typographical Design—	
Mr. Tarr at Camberwell School	114
Alexandra Palace Lodge	115
Damping Apparatus in Offset—	
A Vital Function	116
Reproduction of Illustrations—	
Litho and Gravure to the Fore	117
Lithographers' Successful Concert—	
Mr. Percy Squire in the Chair	120
Lithographic Trade Review	122
Stereo Auxiliary Concert	123
Mr. C. W. Iveson	124
Nottingham J.I.C. Committee	124
Home Counties Y.M.P.s	125
East London Master Printers	125
Commercial Review	126

know their cost, the courage to quote a profitable price, and the "guts" to stick to it.

* * *

An Exacting Service

THERE can be few industries so full of detail and difficulty as printing, especially jobbing and general printing. Compared with jobbing, bookwork must be a pleasure, and news-printing an absolute paradise. Either bookwork or news-printing can be organised, but in the jobbing business the plans of the morning are scrapped in the afternoon. It is quite the common thing to have several hundreds of

jobs of all sorts going through, and a large number of them in the urgent class. Most jobs are urgent nowadays from the moment the printer gets them, and those that are not are made into urgents because they are delayed by the others. In the common rush mistakes are made and quality standards lowered. Printers' mistakes are in a category of their own. The paper-maker can depart from standard and sell as retree; the ink-maker can cover everything in a letter of apology or explanation; the customer can blunder in his grammar and stumble over his spelling; but one mistake in print and the printer stands to have a job on his hands.

PERSONALIA

Mr. B. Guy Harrison, president of the British Federation of Master Printers, visited Bristol last week to attend the dinner and ladies' night of the Bristol Master Printers Association. Mr. Howard Rankin, president of the Bristol Association, presided, and the event proved thoroughly successful.

Mr. George A. Isaacs, general secretary of the National Society of Operative Printers and Assistants, was the principal guest at luncheon in connection with the national conference on Foremanship held at the Park Lane Hotel, Piccadilly, on Friday, under the auspices of the British Works Management Association. The Rt. Hon. Lord Amulree, G.B.E., presided. Mr. Isaacs spoke very practically on the difficult subject of workshop supervision.

Col. Roy F. Truscott is to address the South-West London Master Printers Association on Tuesday next at Arding and Hobbs' Restaurant, Clapham Junction. His address will be entitled "My Castle in Spain."

Mr. George William Gibson, Mr. John Cartland, M.C., M.Sc., and Mr. Walter Hewitt Lawrence have been appointed directors of Fry's Metal Foundries, Ltd.

Mr. Cecil Harmsworth has been re-elected president of the Johnson Society of London, and will occupy the chair on the occasion of the fifth annual dinner to be held at the Criterion Restaurant on March 15th.

Mr. John J. O'Leary (Messrs. Cahill and Co., Ltd., printers, Parkgate Street, Dublin), and Mr. James J. Walsh (Killeen Paper Mills, Ltd.), have been re-elected members of the council of the Federation of Irish Industries for the present year.

Mr. and Mrs. Alfred Pitman, of Cranwells, Bath, on the recent occasion of their silver wedding, were presented with an onyx and silver desk clock, suitably inscribed, and an onyx ash tray, by the staff of the Pitman Press.

Mr. Alexander Thomson, compositor with Messrs. G. & W. Fraser, Ltd., printers, Aberdeen, and a member of the Aberdeen Typographical Society, has retired after fifty-six years' service with the firm. The directors and his colleagues presented him with a gold watch, and a piece of crystal for Mrs. Thomson. Mr. Garnet R. Fraser, works manager, made the presentation, and mentioned that Mr. Thomson started as the first apprentice with the firm in 1877.

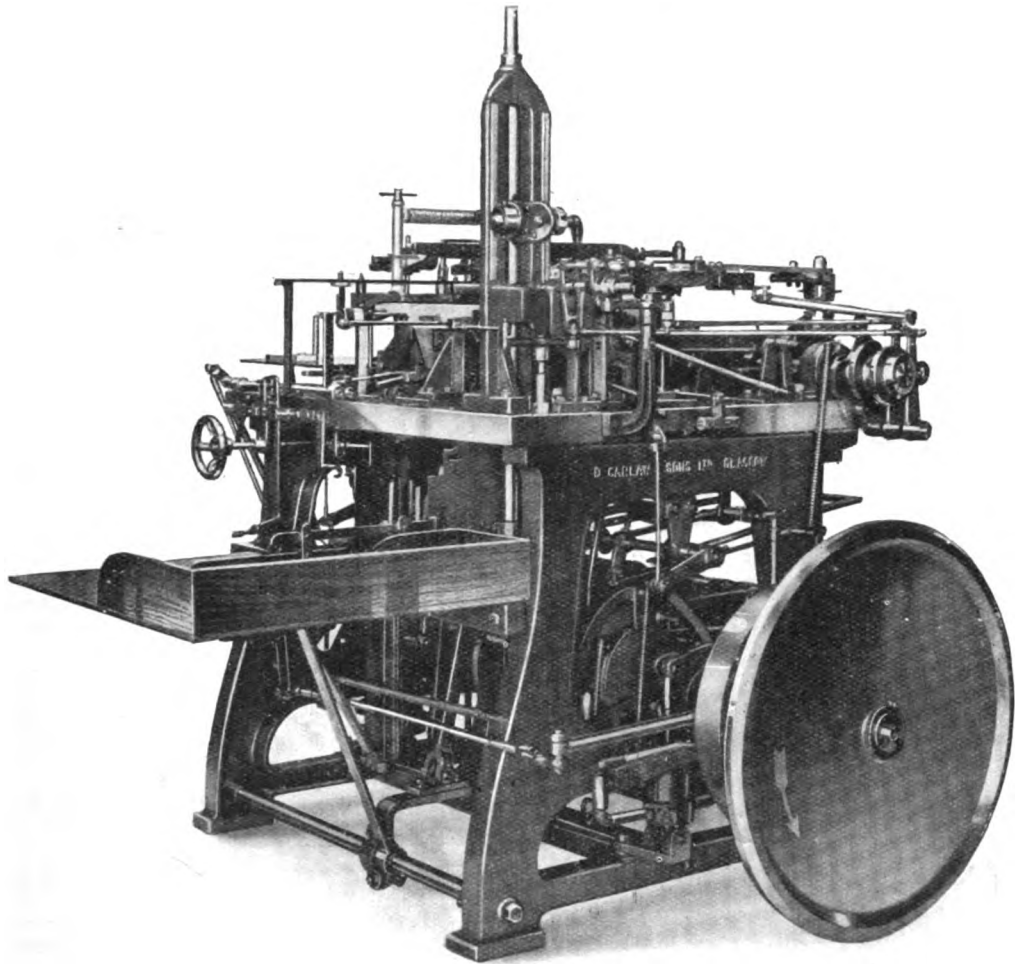


USE MORE BLOCKS

MAKE THE MOST EFFECTIVE AND PROFITABLE
USE OF YOUR ADVERTISING OUTLAY

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS.

BUY BRITISH MACHINERY



THE "LEADER" UNIVERSAL ENVELOPE MACHINE

BUILT IN SCOTLAND — EXCELS ANY FOREIGN MAKE

The above machine does not Gum the Closing Flaps, but is suitable for a large range of sizes and variety of folds—produces Envelopes, Diamond and Wallet Shapes, also Bags with Centre or Side Seam.

Machines are fully adjustable, so that any size or shape of Envelope or Bag within the range can be made without extra parts having to be ordered.

DAVID CARLAW & SONS, LTD., 31, FINNIESTON ST., GLASGOW, C.3

LONDON REPRESENTATIVES : **DAWSON, PAYNE & LOCKETT, LTD.,** DEAN STREET, FETTER LANE, E.C.4

BURNS NICHT AT GRAVESEND

PETER NESS PRESIDES

The fact that upon January 25th of each year, wherever two or three Scots are gathered together, a dinner is given to celebrate the anniversary of the birth of Scotland's national poet, Robert Burns, is a thing of wonder to the Englishman. England is not destitute of great poetic figures—Shakespeare and Milton to quote two. There are no similar Shakespeare dinners or Milton dinners. The probable, and indeed the generally accepted answer is, that Burns captured the imagination of his countrymen by reason of the fact that he was a plain man emanating from the soil—his father and mother were both descendants of farming stock—with a broad humanity in his life and writings, easy to understand and containing much to be found generally in the make-up of his fellow men. He was really a great songster, and song has been the expression of the happiness and sadness of humanity ever since man was banded into groups. There is no doubt that Burns was, and still is, Scotland; and Scots have that pride of race which is a virtue not to be lightly remarked upon.

Burns was a man who wrote as he felt. He was born and lived his short 37 years of life in almost abject poverty. From the age of 14 years he did the work of a ploughman, his life as he describes it himself "combining the gloom of a hermit and the toil of a galley-slave." For one brief period he knew something akin to affluence—during his well-known visit to Edinburgh—but returned to a life of financial stress. In spite of this and almost every handicap, he wrote with a natural grace, giving us songs of Scotland that are world-famous.

Peter Ness is secretary of the Gravesend and District Master Printers Association, and also president of the Gravesend and District Scottish Association. There is a strong link between Robbie and Peter, since they both have a common humanity and interest in their fellows. To refer to Peter Ness as *Mr. Ness* would be almost a *faux pas*, such is the affection in which Peter is held by all whose good fortune it is to meet him.

Peter Ness is a Scot first, and a printer afterwards. A native of Aberlady, Haddingtonshire, he was



MR. PETER NESS

educated at Edinburgh and Paisley. He was apprenticed firstly to Messrs. Parlane, of Paisley, where he became familiarised with paper and print; and secondly to Messrs. D. B. Fleming, of Glasgow, where he had an education in electrotyping and stereotyping. It was in 1901 that he came south to take up a position with Messrs. Harmsworth Bros., Ltd., at Gravesend. In 1912 he started in business for himself, and success was not long in coming. For he is not only a popular figure but a good printer as well. The Manor Printing Works at Gravesend is described by those who should know, as a "model printery." Peter Ness is proud of his craft and of the fact that he is a master printer. He takes the keenest interest in his employees, and spares no endeavours for their welfare. It will be recalled that in the recent Home

Counties Master Printers Alliance Apprentices Competition one of his apprentices—S. G. Dymond—won the first prize for hand composition. When the work was sent to Mr. Michael (secretary of the Home Counties Master Printers Alliance) he queried the time in which it was stated that it had been executed. He was informed that this time was correct and forwarded the work to the judges. The judges, however, were unable to accept the time given as reasonable, and therefore awarded no marks to the candidate. Subsequently Mr. Michael journeyed down to Gravesend and saw the job done under his own eyes. It is interesting to note that when the job was done on this occasion the boy's time was slightly less. This is a reflex of Mr. Ness's interest in his employees, and it is an open secret that he is in a large measure personally responsible for the lad's success.

Peter Ness is a member of the executive committee of the Home Counties Master Printers Alliance and is an outstanding figure at all the functions of the British Federation of Master Printers. He is a firm believer in the Federation, and is an indefatigable worker for the "Cause." A few years ago his premises were rebuilt, and are now modern in every respect. He is a keen golfer, but says that his handicap at the moment is rheumatism. Gardening is also a hobby of his. In what he describes as his younger days he was a member of the London Scottish, and is

PRINTING



Printing is an investment designed to accomplish a definite purpose, whether that be to stimulate sales or to increase prestige. Its value lies not in what it costs, but in what it accomplishes



EMPIRE INKS cost little and accomplish much. Your preference therefore should be given to EMPIRE INKS.

**The
Empire Printing
Ink Co. Ltd.**



**6, TUDOR STREET
LONDON, E.C.4**

well known amongst past and present members. Peter Ness has hosts of friends not only in the world of print, but also generally in Gravesend and its environs. This is his second year as president of the Gravesend and District Scottish Association. His usual greeting is "Have you heard this one?" He has been known too to "quaff a tankard of ye sparkling ale," but in this respect he suffers from the same handicap that makes his golf rather difficult. Peter Ness is a cheery and kindly personality, radiating good feeling wherever he goes, and one whom it is good to know.

A Popular President

Without making any comparisons or invidious distinctions, the Gravesend and District Scottish Association can have had no more popular president. Occupying the chair at last Thursday's dinner, he was supported by the following members of the printing trade: Mr. F. H. Bisset (secretary of the British Federation of Master Printers) and Mrs. Bisset, Mr. Sydney Hudson (president, Home Counties Master Printers Alliance), Mr. F. G. Hewitt (vice-president of the Home Counties Master Printers Alliance), Mr. H. R. Pratt Boorman, M.A. (proprietor of the "Kent Messenger"), Mr. Stanley Schultz (Tower Press, Gravesend), and Messrs. C. Hutson, G. Thilthorpe and W. J. Bagley (Amalgamated Press, Gravesend).

The proceedings commenced with the traditional march of the president and those supporting him, led by the Association's hon. piper, Pipe Major David Pullar (London Scottish). After grace, the company sat down to an excellent dinner, the menu being as follows: Nowts Tail Soup, Fish and Oddments frae Loch Ness, Haggis, Cutlets o' yowie with champitt tatties, green peas an'ither orra Gairden Reets; Bubbly Jock, roastit wi' a' its trimmin's, Waddels sausages; Tighnabruaich Trifle, meringues and ices; bakes, butter, kebbuck, coffee. The Haggis was brought in by Donald Johnstone, and the address given by Mr. Walter Turnbull. "The King" was proposed by Mr. Peter Ness, and honoured in the customary fashion.

"The Immortal Memory"

The Mayor of Gravesend, Councillor G. E. Morris, J.P., proposed "The Association," and in doing so referred to his long personal friendship with Mr. Ness. They were, said his worship, sorry that Mrs. Ness was not present, and he referred to the esteem in which Mr. Ness was held in Gravesend. The Mayor referred to the excellent work of the Gravesend and District Scottish Association, and in conclusion remarked upon their pleasure in having with them that evening Mr. F. H. Bisset, secretary of the British Federation of Master Printers, who was accompanied by Mrs. Bisset.

Mr. Ness suitably responded, thanking the Mayor for his kind words. When he looked around at that gathering, which included so many members of his own craft, he thought they would pardon his feeling "a wee bit cocky."

"The Immortal Memory" was proposed by Mr. F. H. Bisset. Mr. Bisset was introduced by Mr. Ness, who expressed his pleasure and gratification at Mr. Bisset's presence. In proposing the toast, Mr. Bisset delivered a fine eulogium of Robert Burns. Mr. Bisset is an excellent speaker in the ordinary way, but upon Burns he was sublime; and surely the toast was pro-

posed in no finer speech at any of the Burns night dinners held throughout the country. The drinking of the toast was a ceremony that was most impressive and showed the deep sentiment behind the gathering.

Mr. J. McGregor, chairman of the Association, proposed a vote of thanks to Mr. Bisset, which was passed with acclamation.

"The Mayor and Corporation of Gravesend" was proposed by Major Runciman, a past president of the Association, responses being made by the Mayor and Mr. H. H. Brown, B.A. (Town Clerk).

Mr. T. B. Maclean, past president of the Association, proposed "The Lasses." The Mayoress and Mrs. Albery suitably responded.

"The Visitors" was in the hands of Councillor A. Ramsay, and responses were made by Messrs. I. J. Albery, M.C., M.P., E. H. Chapman, M.B.E., and H. R. Pratt Boorman, M.A.

The proceedings concluded with "Auld Lang Syne" and the National Anthem.

During the evening songs were rendered by Miss Catherine Stewart (contralto) and Mr. Donald Keir (Scottish bass-baritone). The dancing of the Gravesend Scottish Dancers—the Misses Winnie Donaldson, Olive McGregor and Marjorie McDonald—was much enjoyed, the music being rendered by Pipe Major David Pullar. Mr. E. W. Kennedy was an admirable accompanist. Music during dinner was rendered by the band of the 2nd Batt. the Royal Ulster Rifles.

Congratulations to Peter Ness upon a most successful evening and a wonderful Burns night.

Mr. Elias and the P.P.C.

"Daily Herald" Competition

For the first time in its long history funds are being raised for the Printers' Pension Corporation by means of a competition in a daily newspaper. The newspaper, in question, the "Daily Herald," has arranged a Radio Contest, in which entrants have to name twelve "turns" (out of twenty-eight mentioned) which would make the best all-star radio programme. The "Herald" guarantees the prize-money, the first prize being £10,000, and states that the whole of the profits will go to the P.P.C. Mr. J. S. Elias, chairman and managing director of Odhams, Ltd., who is to preside at this year's P.P.C. Festival Dinner, is behind this fine effort, which originated in his mind and which will, no doubt, swell the funds of the Corporation considerably. Mr. Elias is, we understand, endeavouring to set up a new plate record. The present record of £52,000 was made by the Prince of Wales when he presided at the Festival in 1920.

A CONFERENCE of executives of the Printing and Kindred Trades Federation and all affiliated unions in Scotland has been convened for February 7th, to give consideration to the questions of regrading, the forty-hour week, and the eleven-day eleven-night fortnight.

Printers Honour Sir Godfrey Collins

SECRETARY OF STATE FOR SCOTLAND

Sir Godfrey Collins, M.P., Secretary of State for Scotland, was entertained at a dinner given in his honour in Glasgow on Monday evening. The function was arranged by the Scottish Alliance of Employers in the Printing and Kindred Trades, of which Sir Godfrey is a past-president. Mr. Robert Wylie, president of the Glasgow Association of the Alliance, presided. Mr. J. D. Fyfe, president of the Stationers' Company of Glasgow, was among those present, and proposed the toast of "The Corporation of Glasgow."

The Lord Provost remarked humorously that he was not sure that that might not be the last meeting of the printing trade in Glasgow as prosperous business men, because the Corporation was considering setting up a printing press of its own. They had great brains in the Corporation which thought they could do everything for themselves—that they could live as a communal people. The majority of thinking brains, however, thought otherwise.

In replying to the principal toast, "Our Guest," proposed by Dr. James MacLehose, Sir Godfrey expressed his pleasure in the fact that his brother, Mr. W. A. Collins, who was present, had been associated with him that evening. For well nigh thirty-six years he and his brother had been associated in a successful and happy partnership.

Proceeding, he spoke of the period of the depression they had passed through, and went on to speak of his early life, recalling that he served as a compositor and as a machine-minder, and afterwards as a commercial traveller for his firm. The three years as a commercial traveller, Sir Godfrey pointed out, were the best training years of his life, because he learned then that a business man could only succeed by satisfying his customers. Their trade had a great future before it, because it was a trade that appealed to the commercial people.

Sir Godfrey concluded by appealing to the people of Scotland to look the world in the face. He believed the clouds of depression were passing and he urged them to face the future in the same spirit as actuated the people in the past.

THE Home Secretary on Friday received a deputation from the Institute of Journalists, which asked for the appointment of a Government Committee to inquire into the desirability of creating for the profession of journalism a statutory body with functions similar to those of the bodies which exist for medicine, the law, and other professions. The Home Secretary undertook to give the matter his consideration.

S
&
P

Printing Inks FOR ALL PROCESSES

OFFSET & PHOTOGRAVURE INKS
IN ALL SHADES ARE A SPECIALITY WITH S. & P. LTD.

IF YOU HAVE NOT

a Photogravure Machine you should try the following Letterpress Inks

• **ACME
BLACK**

No. 128 2/- per lb.

• **GUARDS
SCARLET**

No. 708 4/- per lb.

• **JELLY
VELVET BLACK**

No. J137 3/- per lb.

SLATER & PALMER

4, WINE
OFFICE
COURT

LIMITED

FLEET ST.
Phone: 0211 Central
Grams: Palmink, Fleet
LONDON E.C.4

S
&
P

TRADE NOTES

MESSRS. BRADBURY, WILKINSON & Co., LTD., have secured the contract for the printing and engraving of the Lithuanian regular postage stamps, and also the air mail stamps. The work will be executed at the firm's New Malden (Surrey) works.

A FIRE occurred last week at Mr. J. Thornton's printing works at Wallsend-on-Tyne, but there has been no dislocation of business.

PARTNERSHIP has been dissolved between L. A. Spencer and J. A. Kimber, suppliers to the process engraving, photo litho, photogravure, electrotyping, stereotyping, copperplate printing, and allied trades, at 19, Mount Pleasant, Finsbury, E.C., under the style of "Process Supplies Service" and "The Process and Litho Supply Co."

DAMAGES of £200, plus costs, were awarded at Northants Assizes on Friday to Mr. John Williamson, Chief Constable of Northampton, for libel in an article in "To-day's Cinema News and Property Gazette." The award was against Cinema Press, Ltd., London, and St. Clements Press, London, publishers and printers respectively.

OWING to the growth of the business of printers, stationers, etc., Clapham Park Road, S.W.4, owned and conducted by Mr. John R. Battley, arrangements have been made to form the business into a private limited company, under the title of Battley Bros., Ltd. Mr. John R. Battley will continue in control, in conjunction with a board of directors consisting of Messrs. D. S. Battley, G. M. Battley, S. E. Battley and S. G. A. Battley.

SEPARATE meetings of the holders of the 7 per cent. cumulative preference and the ordinary shares of the "Financial Times" will be held on February 9th to consider the capital rearrangement scheme.

WILLIAM COLLINS, SONS AND Co., LTD., the Glasgow printers, publishers, stationers, etc., has issued £425,000 of new 5 per cent. redeemable sinking fund mortgage debenture stock, 1943-67.

A MIEHLE two-revolution press and a Shaw pen ruling machine are amongst new machinery recently installed by the "Thameside Mail," of Grays, Essex.

BOOKBINDING FILM.—The film of bookbinding by hand which was shot recently on the premises of Messrs. E. Zachnsdorf, Ltd., Shaftesbury Avenue, by the Gaumont-British Distributors, Ltd., will be showing in the Gaumont-British Magazine at the following cinemas from February 5th: Tatler, Charing Cross Road (one week); Cameo, Charing Cross Road (three days); Rialto, Coventry Street (one week); and the Piccadilly News Theatre, Windmill Street (three days).

THE Executive Council of the Typographical Association is inviting branches to make nominations for the posts of general secretary, assistant secretary, and general president of the Association, as the present officers have reached the retiring age and will end their service at the end of June, 1934. The present officers are Mr. J. D. French, president; Mr. H. Skinner, secretary; Mr. A. Bottomley, assistant secretary.

THE Mayor of West Bromwich (Councillor C. B. Adams) is shortly to create a precedent by visiting, in company with his Town Councillors the offices and factories of a large firm of printers and systems specialists—Messrs. Kenrick and Jefferson, Ltd. The date of the visit is February 8th.

A DINNER at the Trocadero, presided over by Mr. Maurice Coates, completed the recent annual conference of Coates Bros.' executives and travellers. A visit had previously been made to the factory at West Ham to inspect the additional ultra-modern machinery and devices recently installed. This well-known printing ink firm reports that 1933 was the most successful year it has ever had.

MESSRS. SAMUEL JONES AND Co., LTD., have applied for space in the first "Buy British" Exhibition train which is scheduled to start from Birmingham on March 14th on a three months' tour of England and Wales.

MR. WILLIAM MUIRSMITH, J.P., of Kirtle Lodge, Trinity Road, Edinburgh, head of Messrs. A. B. Fleming and Co., Ltd., Scottish Printing Ink Factory, Caroline Park, Granton, left (personal estate) £87,327.

PENNY POST.—Sir Edward Campbell, Parliamentary private secretary to the Postmaster-General, expressed the view in Birmingham on Friday that the penny post was not likely to return. "The present rate is such an excellent source of revenue to the Government," he said. "A penny post would mean more income tax, and no one wants that."

MESSRS. PICTORIAL MACHINERY, LTD., have been appointed sole agents for the "Peerless" Ink Mixer.

THE latest issue of the "Monotype Recorder" is a Modern Typography Number, and has much, both in its contents and its typographic design, to arrest and interest the printer. An illuminating editorial "What Is 'Twentieth Century Typography'?" gives much food for thought, and another outstanding article describes how "The L.N.E.R. Reforms Its Typography." Other features include an instalment of Mr. G. P. Reveirs' "Recollections," and an article by Victor Clough on "The Trend of Newspaper Typography." Striking use of rules, and many interesting layouts, enhance the value of an excellent production.

The VICTORY AUTOMATIC SELF-CLAMP
GUILLOTINE
 THE WORLD'S MOST EFFICIENT CUTTING MACHINE



Emblem of the Association of
 British Manufacturers of
 Machinery for the Printing
 and Allied Trades

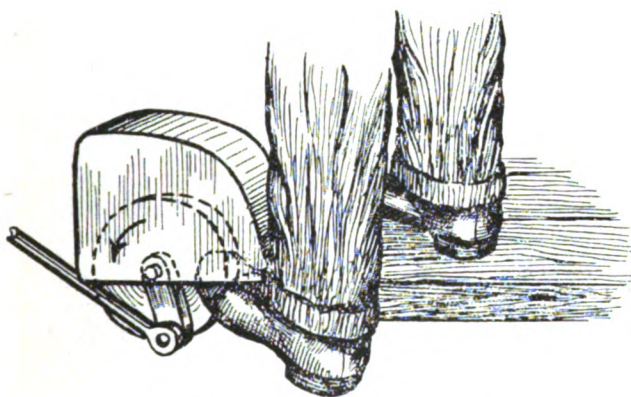
VICTORY-KIDDER PRINTING MACHINE CO. LTD. QUEENS HOUSE, KINGSWAY, LONDON. Telephone: HOLBORN 8991.

Accidents in Industry

Printing Works Examples

Indications of the possibility of accidents in various industries, and suggested means of avoiding them, are given in "Industrial Accidents," issued quarterly in pamphlet form by the Home Office. The latest issue deals with two accidents of special interest to the printing industry.

One had relation to an incomplete guard on a printing machine. A man was standing on a platform attached to the side of the machine, and he allowed his left foot to swing over the edge of the platform in



Pressman's Foot Trapped

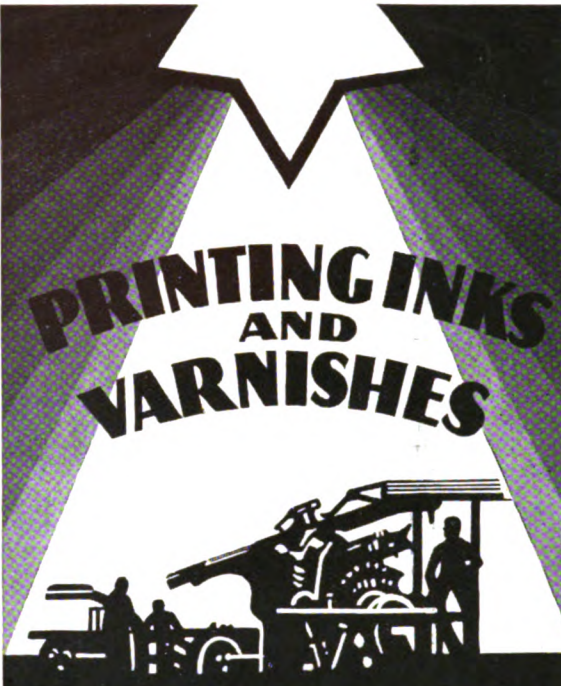
such a way that it was trapped between a small revolving crank and the edge of the guard, as indicated in the accompanying sketch.

This accident shows that an incomplete guard may introduce dangers not previously existing. The firm concerned have since extended the guard downwards so that the crank is covered when in its lowest position; the machine makers have also been asked to provide an extended guard on all new machines of this kind.

Another accident related to an index cutting machine. An experienced female worker was cutting the index of a paper pamphlet measuring $7\frac{1}{2}$ inches by 6 inches. While so engaged one of her fingers was trapped by the descending cutting tool and seriously injured. Similar accidents are not uncommon.

To prevent accidents of this kind, a guard has been devised by the makers of the machine. This guard is so designed that as the knife descends, a member moves forward below the knife and removes the finger should it be inadvertently left under the descending knife.

THE Edinburgh Printing and Kindred Trades Federation has issued an appeal on behalf of a former secretary, Mr. John Mullan, whose services towards the workers in all sections of the industry have been invaluable. The local Typographical Society has made a grant of £25 towards the appeal.



PRINTING INKS AND VARNISHES

The brilliance of Coates Bros.' printing inks and varnishes is something that goes beyond the ordinary meaning of the word. It is a brilliance that gives strength and meaning to every job. A brilliance that is coveted and admired by those who appreciate the best in printing. It is a brilliance that lasts and a brilliance that pays. The secret is in the quality of the ingredients and the skill of the makers. Coates Bros.' reputation for quality inks and varnishes is unrivalled.

COATES

BROS & CO. LTD.

MAKERS OF FINE PRINTING
INKS AND VARNISHES.

ST. BRIDES HOUSE
SALISBURY SQ. LONDON E.C4

TYPOGRAPHICAL DESIGN

MR. TARR AT CAMBERWELL SCHOOL

Students of the Printing Section of the Camberwell School of Arts and Crafts on Wednesday of last week listened attentively while the fascinating subject of layouts and the first principles involved was explained to them by word of mouth and on the screen. The lecturer was Mr. John C. Tarr, of Messrs. Linotype and Machinery, Ltd., and his lecture was entitled "Typographical Design from the Linotype point of view."

Mr. J. Wright, the principal of the Printing School, introduced Mr. Tarr, who, he mentioned, had once been an instructor at that School. A steady revolution, he said, was taking place in composing-room practice. Layouts and designs could be composed on the Linotype, and every compositor in that room should take that fact into consideration.

Mr. Tarr, who remarked that he had been a student at the School as well as an instructor, said that the Linotype was only a method of producing type-faces or material for printing. There were other methods of producing type, both movable and slug. It was important to remember the cost of the upkeep of a machine. Granted the machine could produce more, but it could produce more badly in a shorter time. Thus it was very important that what was produced on the machine should be right from the beginning. It should be planned. If he received a piece of advertising or a book and it did not make him want to read it, because it was imperfectly printed for some reason or other, he had the feeling of being swindled. If they had any hand in producing that literature they were the swindlers—though not consciously, perhaps.

The Planning of Print

It was not really difficult to plan printing—it was mainly a matter of giving thought to the job in hand. Mr. Tarr proceeded to give various examples of fitness for purpose in print-planning. He mentioned that paper should be carefully chosen, so that it would be in harmony with the type used. Their particular mission as printers, he said, was to deliver messages. To produce printing that was not distinct, easy to read, and not arranged in a legible order was like addressing people with marbles in one's mouth. They had to set the message in such a way that the reader could grasp it without any trouble. To-day they found it necessary to attract people to read a thing. That problem was entirely new, and, in spite of the efforts of a hundred years, they had not really efficiently dealt with the problem.

The whole object of layout was to put in a more forceful form a presentation of an aspect of a certain subject. The trouble was that they had to be tactful. An advertisement could be vulgar, and that was one thing they had to avoid. It had to attract and hold the attention of the particular purchaser they were after.

Mr. Tarr now brought the lantern into play and threw on the screen a fifty-year-old play-bill. It

showed clearly the haphazard methods of those days; the great many faces that were used; the poor, indistinct result. The next slide showed the play-bill reset to modern standards, with uniform type and a sympathetic use of white space.

Requisites of Layouts

Proceeding to deal with design, the speaker stressed the need for mastering the basic principles of design. They made layouts he said, in order to know exactly what they were going to do. In the first place, the layout should be original. He did not mean by that "stunty," or full of fireworks, or an attempt at something which had never been done before. Rather they should take their problem and work down to what they thought was the most efficient solution of it. Students usually failed with layouts because they were trying to express too many ideas. Secondly, the layout should be legible. They must use easily readable types, dispensing with useless ornamentation. Thirdly, the layout should be practical. The lines when set should make the same as on the layout. Fourthly, the layout should be appropriate. That was rather a delicate subject. Students were apt to think there were certain types for certain subjects. It was so easy to set a line of caps and say "dignity," a line of italics and say "grace." He proceeded to show that appropriateness is too wide a subject to be covered by any such simple rules. The materials of designs, Mr. Tarr said, consisted of dots, lines, and masses. The job was to arrange the various elements in such a way that there would be harmony. They had to relate their shapes. An elementary example of that was the type conforming to the shape of the paper, or the initial at the beginning of a paragraph looking as though it belonged to the paragraph. Word spacing was important also. In that connection they should not fit their copy to some scheme in their mind, but should design the job to the copy matter.

Disposing Masses

Speaking of proportion, the lecturer said that equal areas were not interesting. Thus they should not divide their space laterally in half. Generally speaking, they did not want too many parts to the design; otherwise there were too many centres of attraction. Usually they should have one part important and the others subordinate.

There were two main ways of disposing masses, he continued. One, the "static," was to arrange the masses about the centre line; the other was the "dynamic," and called for balance, which could only be achieved by feeling, and not by measurement. Mr. Tarr concluded with a few remarks on borders, and referred to the All-Purpose Linotype. His remarks were clearly illustrated all through by a fine series of slides, whilst specimen layouts which were displayed also helped to elucidate the points made.

Mr. Wright afterwards thanked Mr. Tarr for his instructive lecture, and the students showed their appreciation by loud applause.

ALEXANDRA PALACE LODGE

LADIES' FESTIVAL

The printing and allied trades were well represented among the 200 ladies and gentlemen who gathered at the Café Monico, Shaftesbury Avenue, on the 20th ult., to participate in the ladies' festival annually arranged in connection with the Alexandra Palace Lodge, No. 1541.

This year's Master (Mr. Fredk. H. Newton) and Mrs. Newton received the company in the Renaissance Salon, and the banquet was served in the International Hall. After dinner, there was a short programme of speeches and entertainment, the remainder of the evening being devoted to dancing in the Renaissance Chamber.

Each lady was presented with souvenirs, whilst Mrs. Newton was presented, on behalf of the members of the Lodge, with a handsome complete canteen of cutlery as a mark of the esteem in which she and her husband are held.

Mr. T. W. George (director of ceremonies) and Mr. C. D. Hudson acted as M.C.s, and the following as Festival Stewards: Messrs. C. F. V. Atkins, W. T. Card, H. D. E. Carter, A. J. Flaxman, J. O. Hughes, -Newton, jun., A. D. Froude Perkins, W. A. D. Skinner, H. A. Taylor, and W. A. Witterick.

Mr. W. A. Perkins carried out the duties of secretary, with Mr. J. W. Wood as his assistant.

Others present included Messrs. R. L. Randall (I.P.M.), P. E. Newton (S.W.), F. W. Goodall (J.W.), Edward Dean (treasurer), H. P. White (almoner), H. G. Alldis, W. J. Archer, T. George, junr., G. V. Symmons, F. H. Goodman, and H. Budd, most of the officers and members being accompanied by their wives and also parties of friends.

The gathering was voted to be very enjoyable and a great success.

Industrial Research

The value of research work in industry is unquestionably proved by facts given in the report just issued of the Department of Scientific and Industrial Research for the year 1932-3. An expenditure of £80,000 by the Electrical Research Association resulted in annual savings amounting to not less than £1,000,000. Other research associations show that their work has resulted in similar financial saving for the industries with which they are connected. The report in question deals largely with the research association scheme—a scheme whereby research associations are formed and supported partly by the State and partly by industry.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND

(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and italic)

GOTHIC, LINING

(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN

(light and 110)

IMPRINT, Etc.

Our **MAKE-UP** and **HAND-DISPLAY** DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

**QUALITY AND
ECONOMY IN
PRINTING
INK**



THE HIGH STANDARD OF
PRINTING WHICH IS PRODUCED
TO-DAY, CALLS FOR INK OF AN
EQUAL STANDARD. WHEN
PURCHASING, WHY NOT BUY
THE BEST, AND AVOID THOSE
TROUBLESOME DELAYS WHICH
ADD TO YOUR COSTS? **GOOD
WORK DEMANDS GOOD INK.**

INKS

**LITHO, TIN PRINTING
L'PRESS, LACQUERS
OFFSET, VARNISHES**

Working Samples and Quotations gladly forwarded on request

EDWARD MARSDEN LTD

PICKERING ROAD - HULL - YORKS
Telephone: Central 32464 Telegrams: Marcella, Hull

London Representative:

W. LUCKHURST

17, CRAWLEY ROAD, WOOD GREEN, N.22

Phone: Bowes Park 3580

Digitized by Google

LITHOGRAPHY

The Damping Apparatus in Offset

A VITAL FUNCTION

Though the use of water in the litho machine is a prolific source of troubles of one kind or another, we seem unable as yet to dispense with the damper. It is true that "dry lithography" has been shown to be practicable, and in a certain restricted field is finding commercial application. Yet obviously, in the general field of lithographic printing, the time has not yet come when orthodox procedure is to be displaced by the waterless method. And meanwhile the offset printer must use every available means for making his damping apparatus as trouble-free as possible.

To this end it may be worth while to quote here some practical hints given by Mr. Charles F. Geese in the current number of the "National Lithographer" (New York). Whilst there is difference of opinion upon details, he provides some shrewd counsel which many an offset pressman would do well to consider.

The Water

The water fountain, or trough, he says, contains water made slightly acid with chemicals that react to balance excessive greasiness from ink depositing itself into the grain of the plate where we do not care to have it. If this water does not contain the proper chemicals that will react upon zinc or aluminium, as the principles of lithography requires, the following actions are apt to occur. The water may become slimy and form a hardened film over the dampers. Some chemicals will even attack the damping roller material and sewing cord by either rotting it or making the damping rollers mouldy. If we start wrongly the correct setting and operation of this unit is handicapped and, needless to say, wrong.

Our object is to mechanically etch the plate slightly enough to keep the grain of the plate free from grease. If the chemicals used are detrimental to ink, damping material, rubber blanket and plate, it is plain that the other principles of this unit cannot do their work. We must know that the so-called "dope" that is used in the water trough will co-operate with the many other factors of offset presswork, or else we must battle with what we otherwise might term mysteries.

Conveying the Water

The duct roller is next. It must receive an even supply of moisture from the water roller. If the duct roller itself is not perfectly even, or is set so that one side touches the water roller more heavily than the other, or touches more heavily in spots, the result must be uneven distribution of moisture across the

plate. Assuming that the duct roller is even and set properly, even distribution is impaired if the water or duct roller becomes greasy. We are trying to convey moisture from the water duct to the brass roller, and if grease is on either the duct or water rollers it forms a resistance to even distribution.

The moisture-carrying capacity of the duct roller is controlled by a graduated cam. This cam is regulated by the pressman to take care of over-moisture or insufficient moisture. The proper manipulation of this cam is very important to know. We must never go higher on the cam than is necessary to keep the plate from filling in, sometimes known as "drying" or "catching up." The high or broad part of the cam is for more moisture because it allows the duct roller a longer period of contact against the water roller. We, therefore, strive to stay at the smallest possible point on the cam at all times, in order to avoid an over-supply of moisture on the plate. The duct roller should be large enough in diameter so that it leaves the water roller and is riding on the brass roller, nothing preventing it from making a good contact with the brass roller.

The brass roller is another medium by which the moisture is finally distributed upon the plate. In most modern presses the brass roller vibrates, helping to assure the dampers' receiving whatever moisture is conveyed on it. Suffice to say that a dirty brass roller that will not accept moisture, is also the stopping point of even damping.

Damping the Plate

The dampers are finally in last contact with the plate. They must be set evenly upon the brass roller and plate. Squeezing the setting is bad practice. We must have dampers with a slight "give" in them. Constant running with squeezed dampers will harden them, and hard dampers cause unnecessary friction on the plate. It is just impossible to visualise hard dampers being able to absorb moisture. A fit damper has at least one cover of clean flannel beneath the outer cover. This flannel cover must be lively in order to serve as a cushion. Merely sewing a new outer cover over a hard, lifeless inner cover does not give assurance of good results. If this is not true, try putting just one cover over a rubber roller and find out how short-lived good damping really is.

It is only natural that, by constant contact with the ink upon the plate, the dampers will gradually pick up grease. It is for this reason that we must constantly look after this most important part of offset

presswork. This unit is really the heart of the press, and it is our duty to always be three jumps ahead of it rather than wait for it to give us trouble. It must be kept as greaseproof as is lithographically possible.

Harmfulness of Grease

To prove the harmful effect of greasy rollers, take a greasy rag, dampen it with water, and rub it into a plate that has no gum. Notice the grease that will develop; and then reason what happens when greasy dampers are constantly rolling over this surface while trying to lithograph.

It is possible to minimise excessive greasing of the complete water fountain unit, with the proper acids in the water fountain. A good water fountain "dope" will assist the water by helping to repel the grease of the ink sticking to the dampers and brass roller. The running of solids usually presents a problem, inasmuch as the dampers may become greasy, owing to the greater amount of ink carried. It is necessary to wash them thoroughly at night, because if this grease, or should we say ink, is allowed to dry on them, the damping next day will be everything we don't want it to be.

Reproduction of Illustrations

LITHO AND GRAVURE TO THE FORE

With the aid of lantern slides and innumerable fine specimens of illustration printing by letterpress, photo-litho and photogravure, Mr. J. H. Harrison, of the photo-mechanical department of the Manchester College of Technology, lectured recently to the Printing Crafts Guild, Manchester. The president (Mr. E. Fisher) opened the meeting by speaking of the importance of photography in every phase of modern life. Pictures being understood by every colour and race, he said the camera is displacing the pen as being "mightier than the sword."

historical photo-mechanical process. The principle of translation of lights and shades in relation to the single pigments used by the printer, by the segregation and splitting up of the printing surfaces was dealt with, in its relation to relief block-making, photo-litho offset reproduction and the intaglio process of photogravure. The lecturer traced the evolution of the present-day half-tone ruled screen, from the single-line screen, to its present state of perfection and adaptability to both letterpress and lithographic printing.

Foundation Principles of Reproduction

Mr. Harrison, dealing with the history and evolution of photography and the processes of mechanical reproduction used by the printer, pointed out to what a remarkable extent the early principles survive. Our so-called new processes of reproduction, are largely adaptations and applied extensions of the older processes. References were made to the work of Daguerre, Fox Talbot, J. W. Swan, Mungo Ponton, Scott Archer, F. E. Ives and Max Levy.

The lecturer regarded the Woodburytype process, whereby an intaglio leaden mould was produced from a raised bichromated gelatine relief, as the classic

The Mechanisation of Processes

The mechanisation of the photo-mechanical industry was effectively demonstrated by the help of lantern slides illustrating old and modern photographic equipment, machinery employed for chemical and electric etching, quad-crown cameras, the camera dark-room, large vacuum printing frames, and step-and-repeat machines. It was pointed out that the progress that had been made had been largely through mechanisation of the earlier processes rather than changes in fundamentals, in order to satisfy the demands of economies and increased production. The illustrations used served to indicate how the printer's illustration processes are wedded to the activities of the mechanical engineer, which, as the lecturer remarked,

**Ready for use
GUARANTEED
when delivered**



**MINTON PATENT
ROLLER COVERINGS**

COVERS EVERY DESCRIPTION OF PRINTING... VARNISHING... MAPS, etc.
Guaranteed Years of Efficient Service.

**Covered
Rollers Supplied
ECONOMY
For Test Without
Obligation**

Contractor to the Indian Government and H.M. Crown Agents

LITHOGRAPHIC AND LETTERPRESS

(INKERS - DAMPERS - VARNISHING) ★ As confirmed by many important users.

★ "More Durable and Economical than other makes at present available, including Nap (Skin), Rubber."

★ Life as yet to be ascertained

Not affected by atmospheric conditions.—European or Tropical.

(GRAVURE DIE STAMPING PROCESS ENGRAVING)

★ "Up to Seventy-five per cent. Economy in cost of Ink, with clearer and sharper Printing."

LETTERPRESS NEARLY SIX YEARS

LITHO OVER SIX YEARS

LOUIS MINTON

Telephone BLACKBURN 2100
14, WHITE CHURCH LANE
Telegrams: LITHO, MANCHESTER

MANCHESTER

THE TRINITY BUILDINGS
CORPORATION STREET
ESTABLISHED 1899
MARCONI INTERNATIONAL

Do not Shrink, Swell, Crack
or Loosen at Highest Speeds

is only one aspect of the entry of the machine into our erstwhile craft processes.

Revival of Handicraft Methods

In respect of what remains of our craft methods, reference was made to the recent revival of wood engraving, and the contemporary method of lino-cutting, introduced largely to accommodate pastel inks now available to the letterpress printer. Commercial wood engraving is now largely confined to the home of the small industries, Birmingham and Sheffield, where cut-glass ware, cutlery and jewellery are still illustrated by the engraving made on boxwood.

Mr. Harrison stated that the methods of relief block production, had become almost static, and it was difficult to see how improvements could be made. It might be possible to discover ways of producing blocks more quickly, of producing greater printing depth without losing any of their printing quality, of imparting a different screen pattern, or giving the surface a modulated relief to avoid or minimise make-ready; but these possible changes would not alter the fundamental character of the block.

Advances of Lithography and Photogravure

The lecturer expressed the opinion that the greatest advances in illustration are occurring in lithography, allied to the camera, and in the field of intaglio printing as represented by photogravure. He emphasised the stimulus that technical improvements in one process had upon its competitive methods.

The adaptability to print fine-screen work or uncoated stock, by the offset printer, had produced the counter-reply by the letterpress printer, with matt-surfaced inks, matt art papers, deep-etched half-tone blocks, and mechanically prepared chalk and metallic overlays, so that he too was slowly escaping from his enslavement to "so-called" art papers.

The Offset-Deep Process

The success of photogravure with its rich, luscious tones, is being replied to by the offset printer, by the utilisation of the "offset-deep" process, the principle

of which is that the ink image on the grained metal plate is in slight intaglio, thereby giving a crisper impression with an added load of ink.

Mr. Harrison asserted that when the method is more widely known, and emerges from the stage of patents and licences, it will prove a great asset to the lithographic printer in his competition with the photogravure process.

Beauty of Photogravure

Referring to the photogravure process, the lecturer said he regarded it from many viewpoints as the most pleasing of our commercial illustration processes. It derives its particular beauty from the fact that the thickness of the film of ink varies with the tone values expressed, which imparts a depth and richness not possible by any other process.

Mr. Harrison pointed out that in the field of commercial advertising and illustration we are witnessing a development in the production and utilisation of commercial photographs, which show originality and artistic inspiration without sacrificing realism. The object is to illustrate the advertisement simply, relying on the power of suggestion to stimulate an emotion—to symbolise rather than to copy literally; and this object is largely being achieved.

At the close of the lecture, discussion was invited, and several members expressed their opinions of the various processes, and questions were answered. Hearty thanks were accorded to Mr. Harrison for his instructive and interesting lecture.


E. F.

MESSRS. BEMROSE AND SONS, LTD., the well-known Derby house, have set a high example of printing efficiency in the execution of their calendar for 1934. The firm present a picture measuring 14in. by 10in. of the "Great Harry" at Dover, from a water-colour painting by Chas. Dixon, R.I. The method of printing employed is Bemrose-Gravure, giving admirable richness of colour.

Hubners Ltd.
136-142 CLERKENWELL RD E.C.1
DISTINCTIVE
PHOTO-OFFSET PRINTERS
PHONE • CLERKENWELL 5028 TRADE SPECIALISTS


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C. 4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C. 1. Tel. Holborn 0634.

Dexter Suction Pile Feeder Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C. 1. Tel. Holborn 0634.

 **"ELLES" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C. 3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N. 1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLLET," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS



NICKELOID ELECTROTYPE CO., LTD., Printer Street, London, E.C. 4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you


want to print a job particularly well—with the last impression as clean and sharp as the first, use Cormil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1, Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E. 1.

 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C. 4. Tel.: City 4943 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

Lithographers' Successful Concert

MR. PERCY SQUIRE IN THE CHAIR

Mr. Percy Squire (managing director of John Kidd and Co., Ltd.) met with unqualified success when he took the chair (as already briefly recorded) at the concert of the Lithographers' Auxiliary to the



MR. PERCY SQUIRE

Printers' Pension Corporation, held on the 22nd ult., in the Grand Hall of the Cannon Street Station Restaurant. There was a very large gathering of lithographers and others connected with the lithographic section of the industry, and the financial side

of the effort was generously supported by the raising of the very praiseworthy sum of £250.

Mr. C. W. Sperring, through whose influence the valuable services of Mr. Squire were obtained, has been instrumental in founding two pensions during the time he has held the office of president, and hopes to go a long way towards completing a third before he vacates the presidential chair. The first of the two pensions mentioned has been established and associated with the name of Messrs. Hunter-Penrose, Ltd., and the second one has been allocated to Mr. C. H. Crabtree.

In making his appeal during an interval in the programme, Mr. Squire explained that, after his first refusal to accept the invitation of Mr. Sperring to preside at that concert, he—with the co-operation of his typist—set about the task of sending out letters of appeal. To something like 900 letters which he sent out, he got very few replies, but he took the advice of Mr. Sperring and sent out some "follow-ons," and in response to many of these he received sympathy and encouragement. Mr. Squire humorously remarked that the lithographer was the real printer—he hoped there were no letterpress men present. (Laughter.) Anyway, the former responded nobly.

Next Pensions Election

Speaking seriously, Mr. Squire said he got from Mr. Lucas, the secretary of the Printers' Pension Corporation, the information that there were no fewer than 480 applications for the pensions at the next election in April, and he wanted them to think of the unhappy plight of the large number that were bound to be unsuccessful. He was confident that whatever they gave that evening would eventually come back

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTOTONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

to them—if not in money, in some other way that would probably be more valuable. The Corporation had been obliged to spend quite recently £35,000 more than it ought to have done. That meant that if they did not do their "bit," there would be fewer successful applications still at the election next year.

After the announcement of the sum collected as a result of the effort, Mr. Squire made special mention of the way the president had subordinated his own personality by handing over to him (Mr. Squire) whatever amount he might collect. In doing that, Mr. Sperring's act represented supreme kindness which he would never forget. The amount collected by Mr. Sperring in this way realised £55. Mr. Squire concluded by expressing his grateful thanks to all who had assisted him in his effort that evening, and said that their industry stood in the forefront of industries not only for its generosity, but also as the distributor of news and entertainment and instruction to the people of the country of which they were so proud.

A hearty vote of thanks was accorded to Mr. Squire on the proposition of Mr. Sperring, who remarked upon the splendid collection obtained, a result especially noteworthy in view of the nearness of Christmas and the Income Tax.

The Concert Artistes

Mr. W. Herring (musical director) again provided a capital array of concert artistes. These were Fred Wildon and his Studio Follies (comprising Dorothy Gadsden, Doris Lee, Reginald Morphew and Fred Wildon), Clown Argo, Rupert Harvey, Kit Keen, with Kathleen O'Hagan at the piano.


Amongst those present (in addition to those already mentioned) were Frank Hayward, E. A. Mullins, Woodgate Stevens (Auxiliary chairman, and London secretary, Amalgamated Society of Lithographic Printers), C. Budd, G. W. Crane (Auxiliary secretary), W. Luckhurst, J. Dewdney and F. P. Oxley (manager to Messrs. Kidd and Co., Ltd.), who loyally backed up Mr. Squire's efforts.

Simple Plate-Making

Is your litho plate-making a foolproof process? News comes from America that the Litho Chemical and Supply Co., of New York, brought a sixteen-year-old schoolgirl into their laboratory and, after once making a plate while she watched, handed her a list of simple directions, and within a very short time a complete plate ready for the press was made up by the young lady without further instruction. She made a fine job of it. It was not with the idea that young boys and girls should be employed as plate-makers that the demonstration was made, for the company still believes that for best results competent craftsmen should do the work, but it was pointed out that even expert craftsmen should check themselves once in a while and should follow simple directions. Many times poor results are caused by failure to follow these directions which have been devised as the most fool-proof, after much time and expense in the manufacturers' laboratory.

Everything for Offset

ALGRAPHY LTD



Algraphy
can supply **ALL** your wants

**ZINC &
ALUMINIUM
LITHO PLATES**

Algraphy Plates have
achieved a name & reputation
for excellence & quality.

**RUBBER
OFFSET
BLANKETS**

The strength, resiliency & durability
of "Alco" Rubber Offset Blankets, red,
grey & brown, has become the standard

Telegrams:
"ALGRAPHY, LONDON"
Cable Code: BENTLEY'S

ALGRAPHY LTD,
PHILIP ROAD, PECKHAM, S.E.15.

Telephone:
NEW CROSS,
1209

LITHOGRAPHIC TRADE REVIEW

NOTES AND NEWS

FROM inquiries made in official quarters we find that trade amongst lithographic printers does not show any improvement. Conditions prevailing at the moment are about the same as a month ago. Unemployment is still far too high, and continues persistent. At the moment there are no definite signs of an early improvement in lithographic business.

* * *

MESSRS. JOHN RATCLIFF AND SONS, LTD., of Leeds, whose name is known throughout the printing world in relation to lithographic machinery, have placed their representation for the London district in the hands of Mr. Francis J. Connolly, whose offices and showrooms are at 4, Blackfriars Road, S.E.1. We understand that Messrs. Ratcliff have recently perfected some entirely new features in their designs for offset printing, both for paper and tin-plate decoration, and additionally some clever supplementary machinery for both those trades, including show-card production.

* * *

WHAT we regard as a delightful piece of photo-offset printing—admirable both technically and artistically—is seen in the inset by Messrs. Hubners Limited included in this issue. It will interest many in the trade to observe that the windmill picture here

reproduced is from a water-colour drawing by the late Mr. P. P. Hubner, father of the firm's present managing director, Mr. J. H. C. Hubner. Noteworthy technically is the fact that the reproduction has been effected in only three colours. This inset is the third of a series in our pages, which have shown in attractive variety the application of photo-litho to the field of advertising.

* * *

GENERAL satisfaction has been expressed amongst lithographers at the high level set at the recent concert of the Lithographers' Auxiliary, and to the success achieved by the chairman (Mr. Percy Squire) in raising funds for the Corporation.

* * *

AN innovation in lithographic transfer papers comes to us from Messrs. Coates Bros. and Co., Ltd. Their well-known "Neverstretch" Opaque Everdamp Transfer Paper now bears a series of parallel "direction-lines" on the back of each sheet, and transfers should be pulled and laid down with these lines coincident with the direction of the transfer-press bed, thus facilitating uniformity and accurate register

GEORGE MANN & Co.

(1932) LIMITED

SPECIALISTS IN—

ROTARY OFFSET MACHINES

(SINGLE COLOUR, TWO COLOUR AND PERFECTING)

ROTARY TIN-PRINTING MACHINES

(STANDARD AND RAPID MODELS)

HEAD OFFICE AND WORKS:

HUNSLET ————— LEEDS

PHONE—LEEDS, 20424-5

LONDON OFFICE AND WORKS:

Ampton Street, Gray's Inn Road, London, W.C.1

■ PHONE—TERMINUS 6285 ■

STEREO AUXILIARY CONCERT

SUCCESSFUL LADIES' NIGHT

Both from the point of view of the sum raised and the general excellence of the arrangements, the concert of the Electrotypers and Stereotypers' Auxiliary to the Printers' Pension Corporation, held on Monday at Anderton's Hotel, Fleet Street, proved highly successful. Chief interest in the proceedings probably centred upon the composition of the chairmanship, which comprised Miss A. Holman, Mrs. Walter Warren, Mrs. W. Crosby and Mrs. Mouse, their efforts being the means of raising a worthy sum of £105. The event attracted a very large audience, those present including Mr. A. Chadwell (president), Mr. and Mrs. Bernard Titchener, Mr. W. C. Warren, Mr. and Mrs. W. McLaughlin, Mr. and Mrs. R. W. Court, Mr. J. H. Whitfield, Mr. S. C. Atkins, Mr. J. Light and Mr. Kenneth Light.

Mr. W. C. Warren (general secretary, National Society of Electrotypers and Stereotypers), in proposing a vote of thanks to the ladies for their joint efforts, referred to the £10,000 competition which Mr. Elias has initiated in the "Daily Herald" on behalf of the Corporation, and he put forward the suggestion that the winner of the competition might take the chair at one of their Auxiliary concerts. He also announced that their thirteenth pension was to be known as the George Maidment Pension.

The vote of thanks having been very heartily accorded, felicitous acknowledgements were made by Miss A. Holman and Mrs. Warren.

The concert programme was in the capable hands of Mr. George Harrison.

Bristol School of Printing

Typefounding and Type Design

A very successful lecture, illustrated by lantern slides, was given last week to the typography students of the Bristol School of Printing, Merchant Venturers' Technical College.

The lecturer, Mr. H. Daniel Caslon, of Messrs. H. W. Caslon & Co., Ltd., described how William Caslon wrested the important trade of typefounding from the Dutch by the creation of his Caslon Old Face in 1722. This type not only made the name of Caslon famous, but has remained in constant use with us until to-day.

The works of Gutenberg, Fust, Schoeffer, Caxton, Wynkyn de Worde, John Day, Joseph Moxon and many other printers and typefounders were mentioned and discussed. The designing of type and the difficulty of combining originality with legibility were also described. The lecturer then went on to detail the various operations necessary to produce perfect matrices in various sizes from which types are cast.

Mr. Bernard Rogers, the Head of the Bristol School of Printing was in the chair and introduced the lecturer to an audience of over sixty students, and at the conclusion proposed a cordial vote of thanks. The interest of the students was demonstrated by their keen questioning of the lecturer, and their close inspection of the exhibition of typefounding tools and specimens of the product of hand and machine moulds. An interesting exhibit was that of the original punches cut by William Caslon I of an arabic fount.

LITHOGRAPHERS

No matter how good your roller may be

YOU CAN ONLY PRODUCE PERFECT PRINTING PLATES

by USING

ZETCH

This ideal etch is free from chromic acid and easy to use

SUPPLIED IN POWDER FORM

1 lb. cartons	12/6
1/2 "	7/-
1/4 "	4/-

obtainable only from

ALGRAPHY LTD

Philip Road,
PECKHAM, S.E.15.

Telephone New X 1209
Bentley's (ode)

Telegrams "Algraphy" London.

LONGER LIFE - SHARPER IMPRESSIONS

GESTITE

ROLLERS

GESTITE ROLLERS, LTD.

FAWLEY ROAD, TOTTENHAM, LONDON, N17

TELEPHONE: TOTT 2204

PUBLISHED THE FIRST WEEK IN EACH MONTH

London Typographical Journal

CIRCULATION, 9,000

ANNUAL SUBSCRIPTION 2/6 POST FREE

7-9 ST. BRIDE STREET, LUDGATE CIRCUS, E.C.4

MR. C. W. IVESON

FIFTY YEARS WITH WILLIAMS, LEA

Mr. C. W. Iveson recently reached his half-century of service with the firm of Williams, Lea and Co., Ltd., general and foreign language printers, of Clifton House, Worship Street, E.C.2, of which he is the managing director. To celebrate the occasion a surprise presentation of a silver cigar and cigarette box was made to him, subscribed to by all the employees.

Mr. J. H. Williams, the chairman of the firm, made the presentation supported by Mr. J. Graham Williams, director, and the heads of every department.

Mr. Iveson, in returning thanks, spoke reminiscently of his long connection with the company, which he could remember as quite a small concern and which had grown to one of the largest printing establishments in the City of London. He attributed much of that

success to the loyalty of the staff and their willingness to pull together with the management.

It may appropriately be added that Mr. Iveson started with the firm as an apprentice. He rose from position to position until eventually he had complete control of the firm's printing. He became a director just before the War, and later was made a partner and managing director.

Throughout his career Mr. Iveson has been active in the cause of charity, and particularly in connection with the Printers' Pension Corporation, in the interests of which he has been a tireless worker. He is at present chairman of the Corporation.

He is also on the Executive Council and the Organisation and Finance Committee of the London Master Printers Association, and the Council of the London Central Districts Association.

Nottingham J.I.C. Committee

Messrs. Bisset and Holmes' Visit

A large gathering of those engaged in the printing and kindred trades of Nottingham, Leicester and Derby gathered last week in Nottingham under the auspices of the Nottingham District Committee of the Joint Industrial Council of the Printing and Kindred Trades. The meeting was held in the dining-hall of Messrs. Thomas Forman and Sons, Ltd., and owed its inception to Mr. H. E. Barrow, chairman of the Nottingham District Committee. It was attended by Mr. A. E. Holmes (secretary of the Printing and Kindred Trades Federation) and Mr. F. H. Bisset (secretary of the Federation of Master Printers), the joint secretaries of the J.I.C.

Mr. Bisset, in addressing the large audience, dealt particularly with the Health and Apprenticeship Committees, and the more recently formed committees, one to deal with the question of fair price, and the other to investigate the possibilities of doing something towards the alleviation of unemployment. Unemployment, he said, was going to be more or less permanent, and one committee had settled down to investigate the possibility of developing some kind of contributory scheme of superannuation, under which employer and employee would alike take part.

Mr. Holmes, supporting Mr. Bisset, spoke of the value of organisation and declared that the J.I.C. had benefited the trade enormously.

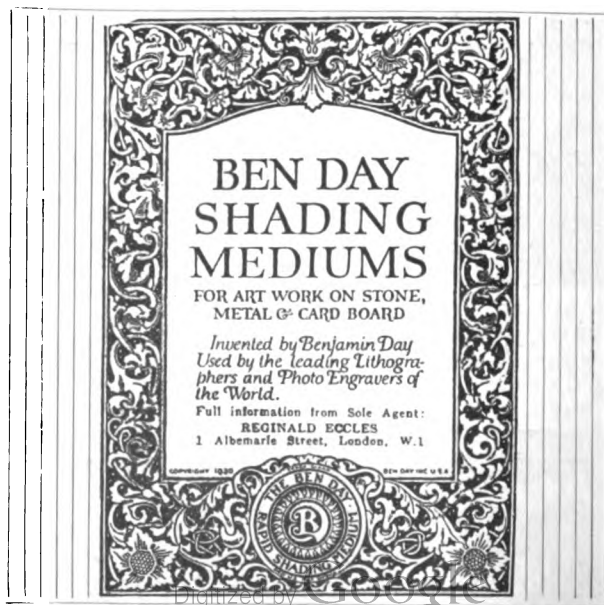
A musical entertainment followed.

A BEAUTIFUL calendar is issued by Messrs. Suttley and Silverlock, Ltd., the well-known trade lithographic printing house of 184, Strand, London. On a large stout board is admirably reproduced in delicate colours an old view of St. Mary-le-Strand. A daily date pad is attached below.

Dyes for Printing Inks

In the course of an article in the "Farben-Zeitung" a technical writer, in dealing with the possibilities of the wider application of Prussian and steel blues, says he believes that the printing-ink industry should offer a far better market for these products than it is doing at present. He adds: "What is required for printing inks, though, is a steel blue of greater softness and fineness than is at present obtainable. At present, ink manufacturers on the Continent are making their own bronze blues by the very tensive and lengthy grinding of the steel blues of commerce."

BLOWING your own horn does not help the steering.



Home Counties Y.M.P.s

Another Week-End Conference

The Young Master Printers Group of the ever-active Home Counties Master Printers Alliance has arranged a full and interesting week-end conference to take place from March 9th to 12th. They have chosen as rendezvous the beautiful old family mansion, High Leigh, Hoddesden, Herts. The programme of the conference will include the following addresses: "I Start in Print," by L. D. Greenhill (Y.M.P.); "Why Are We Here?" by A. E. Owen-Jones; "Bring Lights," by Dr. G. L. Riddell; "£ s. d. in Management Control," by J. L. Milligan; "Layout and Typography," by Mrs. Beatrice Warde; "Printers Print for Profit," by Chas. C. Knights; "Psychology Plays an Important Part in a Printing Business," by Dr. G. H. Miles; and "This Conference and the Daily Task," by R. B. Fishenden. A dinner will be held on the Sunday, attended by Mr. B. Guy Harrison, president, Mr. W. H. Sessions, vice-president, and Mr. F. H. Bisset, secretary of the Federation of Master Printers, and Mr. S. Hudson, Alliance president. The conference will conclude on Monday afternoon with a visit to the ink factory of Messrs. Lorilleux and Bolton, Ltd.

Printers' League Football

The results of matches played on Saturday (27th) were as follows:—

Haycock Press	2 v. Bowaters	1
De La Rue	3 v. Crowther & Goodman 3	
Cornwall Press	4 v. Cannon House	2
London School of Pty. 2 v. Henry Good	3	
Waterlows	3 v. King's Printers	3
Oyez	9 v. Waddingtons	0

E. London Master Printers

Whist Drive and Dance

Depressing times, depressing weather and depressing circumstances—yet the forty stalwarts who defied them all at the Y.M.C.A., Forest Gate, on Wednesday of last week, all agreed that the effort was worth the result. Those present included Mr. A. G. Jackson (hon. sec. of the S.-E. Association) and Mrs. Jackson, and Mr. W. F. Willsher of Headquarters. Various visitors from the other Associations had signified their intention to be present, but in view of the weather their absence was not surprising. The occasion was the whist drive and dance arranged by the East and North-East Association.

The weather was so "thick" that over fifty promises to come had to be broken, and in addition it was after their arrival that most members heard that their hon. secretary, Mr. T. D. Hawkins, was recovering from an operation in hospital. Though Mr. Hawkins was absent (is this a record?), there was much that reminded the members of him. The president, Mr. A. Suckling, who took over the organisation when Mr. Hawkins was taken ill, found that everything was ready and arranged with the usual thoroughness. The "round robin," wishing him a speedy recovery, was a further reminder of what the Association owes him. And, lastly, he contributed his "item" in the form of a "Missing Words Limerick Competition," which was by no means the least enjoyable part of the evening.

The weather was the only successful depresser, and caused the party to break up early as one by one they realised the probable time of their arrival home.

R. A. J. W.

A HANDSOMELY-PRODUCED folder from Messrs. R. W. Crabtree and Sons, Ltd., provides description, illustrations, specifications and floor plan of the Crabtree high-speed, double demy single-colour offset machine, fitted with "Elless" fully-automatic stream feeder.

'PHONE HOL. 0527

for

SKILLED CRAFTSMEN
(N.S.)

READERS • COMPOSITORS • LINO,
MONO AND INTERTYPE OPERA-
TORS • MACHINE MINDERS (LITHO
AND LETTERPRESS) • LAYERS-ON •
WAREHOUSEMEN AND CUTTERS •
GOLD BLOCKERS

**THE PRINTERS' PROVIDENT
ASSOCIATION**

21 CHARTERHOUSE ST., LONDON, E.C.1

CAXTON CONVALESCENT HOME

LIMPSFIELD, SURREY

Tel: The Chart 13

President—T. W. GEORGE, Esq.

Treasurer—The Right Hon. C. W. BOWERMAN, J.P.

Devoted exclusively to the use of Men and Women engaged in the Printing, Process Engraving, Bookbinding, Stationery, and Kindred Trades. Patients received from all parts of the Country: the Caxton Home is not a Public Institution.

A Subscription of Three Guineas annually by an Employer Society or Workshop gives the right to nominate a Patient each year for a Three Weeks' residence at the Home on recovery from illness including travelling expenses from London.

Penny-a-week Subscriptions from employees are earnestly solicited. Annual Subscribers (minimum 4/-), through a Collector or direct to the Office, are entitled to a Three Weeks' stay at the Home entirely free. Wives of men in the trade admitted on their husbands' subscription.

Paying Patients & Non-Subscribers: £1 10s. 0d. per week

DONATIONS TO

**Building & Endowment Funds
WELCOMED**

London Office:

Tel.:

Secretary:

3, CURSITOR ST., E.C.4 Holborn 0197 W.F. FRANCE

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 21s., 6½ p.c. 1st pref. 24s. 7½d., 8 p.c. pref. 24s. 4½d., 24s. 6d.; Amalgamated Press (10s.) 21s. 4½d., 21s. 6d., 7 p.c. pref. 24s. 4½d., 24s. 3d., 4½ p.c. 1st mt. deb. 103½; Argus Press Holdings 40s. 3d., pref. 23s. 3d.; Associated Newspapers 28s., 27s. 7½d., defd. (5s.) 21s., 21s. 10½d., 5 p.c. pref. 22s. 3d.; Buff Book 24s. 9d.; Country Life 5½ p.c. pref. 17s. 9d.; Daily Mirror 5 p.c. 1st deb. 106, 106½; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 104½, 104½; T. De La Rue 15s.; J. Dickinson 46s. 4½d., 46s. 6d., 5 p.c. 2nd pref. 111; Financial News 5 p.c. pref. 16s. 1½d.; Financial Times 8s. 3d., 7 p.c. pref. 19s. 7½d., 19s. 6d.; Greyfriars Press (4s.) 5s.; Hutchinson 1st pref. 15s. 7½d.; Hutchinson Printing Trust 1st pref. 15s.; Illustrated Newspapers 7s., 6 p.c. deb. 100, 7 p.c. pref. 16s., 15s. 10½d.; International Linotype 21½; Kelly's Directories 55s., 55s. 6d., 7½ p.c. pref. 30s. 2½d., 5 p.c. 1st deb. 106½; Lamson Paragon 22s. 9d., 5½ p.c. pref. 23s. 1½d., 10 p.c. pref. 31s. 3d., 30s. 3d.; Linotype and Machinery 4½ p.c. A deb. 85; London Express Newspaper 7 p.c. pref. 23s.; Monotype Corporation 34s. 6d.; G. Newnes (10s.) 27s. 6d., 5 p.c. 1st pref. 21s. 6d., 7 p.c. 2nd pref. (10s.) 14s.; Odhams Press (4s.) 9s. 1½d., 8s. 9d., 6 p.c. pref. 23s. 3d., 23s. 10½d., 6½ p.c. A pref. 24s., 23s. 6d., 7 p.c. B deb. 104; C. A. Pearson 5½ p.c. pref. 19s. 6d.; Sunday Pictorial Newspapers 43s. 3d., 8 p.c. pref. 28s. 9d.; R. Tuck 5½ p.c. pref. (£5) 91s. 3d.; United Newspapers 7½ p.c. pref. 4s.; Waterlow and Sons defd. 17s. 3d., pref. (6½ p.c.) 24s., 4 p.c. pref. 18s. 3d., 18s. 7½d.; Weldons pref. (10 p.c.) 20s. 9d., 6 p.c. pref. 20s. 3d.; Winterbottom Book Cloth 33s. 3½d.; Wyman and Sons 7 p.c. pref. 9s. 10½d., 9s. 6d., 6 p.c. pref. 9s.

Dividends and Reports

ILLUSTRATED NEWSPAPERS, LTD.—Profits for year to November 30th, £67,815 (against £36,848 for 1931-32). Before striking this figure £23,812 (against £39,363) has been provided for income-tax and £4,024 (against £3,806) placed to debenture stock redemption fund. Dividend paid on the preference shares to October 31st, 1932, absorbed £47,250, and balance of £43,458 is to be carried forward (against £22,892).

ILLUSTRATED LONDON NEWS.—Accounts for year ended November 30th of Illustrated London News and Sketch show net profit of £17,245 (against £14,255 for 1931-32). Dividend of 5½ per cent. is to be paid on the ordinary shares (unchanged), leaving £3,579 to be carried

S P I C E R S

LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

forward (against £5,671). The company is controlled by Illustrated Newspapers, Limited.

New Companies

JAMES MAGEE AND SONS, LTD.—Capital £7,500 in £1 shares (5,000 5 per cent. preference and 2,500 ordinary); chip and cardboard box and carton manufacturers, printers, lithographers, paper-makers, cardboard makers, embossers and designers, etc. Private company. Directors: William F. Magee (24/26, Alford Street, Belfast), Thomas P. Magee and Mrs. Christina Magee.

COMPLACT CLO-OUAILTE NaGALLINE, TORANTA (The Galway Printing Company, Ltd.).—Capital £3,000 in £1 shares; general printers and publishers, wholesale, retail and manufacturing stationers, dealers in stationery and fancy goods of all kinds, etc. Directors: William J. Concanon (Tuam, Co. Galway), Patrick J. Higgins, John J. Keane, Michael F. Lydon, Martin O'Regan, Thomas O'Reilly and Thomas Walsh.

CHARLES DENBY, LTD.—Capital £1,000 in 750 5 per cent. cumulative preference shares of £1 each and 5,000 ordinary shares of 1s. each; to adopt an agreement with Thos. F. Murdoch, and to carry on the business of manufacturing blocks and other materials to be used for printing purposes commonly called foundry work heretofore carried on by Arthur Tremayne, Ltd. Private company. First directors: Chas. Denby and Cyril A. Mockridge. Registered office: 26/28, Old Street, E.C.1.

STEPHEN H. JESSON, LTD. — Capital £1,500 in £1 shares; to acquire the business of a commercial and general printer carried on by S. H. Jesson at 1½, Royal East Street, Leicester. Private company. First directors: Stephen H. Jesson and Mrs. Gertrude Jesson. Solicitor: W. E. Price, Queen's Chambers, Horsefair Street, 54, Old Broad Street, E.C.2.

WESTBOURNE PRINTING Co., LTD.—Capital £500 in £1 shares; printers, stationers and bookbinders, etc. Private company. Directors: Geo. Sudbury and Bertram E. J. Cottle. Registered office: 54, Old Broad Street, E.C.2.

BERWICK PRESS, LTD.—Capital £100 in £1 shares; printers, publishers, paper merchants, librarians and booksellers, advertising agents and contractors, etc. Private company. First director: Francis J. Griffiths (31, Gerrard Street, W.1).

MEDICAL DIRECTORY, LTD. — Capital £100 in £1 shares; to acquire the copyright of the publication known as "The Medical Directory," and to carry on the business of publishers, booksellers, general printers, etc. Private company. Subscribers: Arthur D. Gardner and Geo. Conrad.

Solicitors: Clifford-Turner, Hopton and Lawrence, 81/7, Gresham Street, E.C.2.

WILONE PRESS, LTD.—Capital £400 in 10s. shares; publishers and booksellers, letterpress and general printers and printers' agents, manufacturing and general stationers, paper merchants, etc. Private company. Permanent directors: Wm. H. King and Wilfred Jones (54, Goodge Street, W.1).

PROGRESS ADVERTISING, LTD.—Capital £500 in £1 shares; printers, publishers, advertising agents and contractors, etc. Private company. Permanent governing director: Cyril Brooks Williams. Registered office: 10, Hall Ings, Bradford.

Increases of Capital

PADIHAM ADVERTISER, LTD. (newspaper proprietors, etc., Smithygate, Padiham).—The nominal capital has been increased by the addition of £1,500 in £1 ordinary shares beyond the registered capital of £1,500.

ALBERT ROSE AND Co., LTD. (advertising agents, etc., Gloucester House, 19, Charing Cross Road, W.C.2).—The nominal capital has been increased by the addition of £1,000 in £1 ordinary shares beyond the registered capital of £1,000.

SANDER AND KNOTT, LTD. (cardboard and strawboard manufacturers, etc., 8, Sun Street, Bishopsgate, E.C.2).—The nominal capital has been increased by the addition of £5,000 beyond the registered capital of £100. The additional capital is divided into 5,000 20 per cent. cumulative preference shares of £1.

TREPUR PAPER TUBE Co., LTD. (tubes, containers, etc., Wadsworth Road, Perivale, Greenford, Mdx.).—The nominal capital has been increased by the addition of £3,000 in £1 ordinary shares beyond the registered capital of £7,000.

Mortgages and Charges

RAITHBY LAWRENCE AND Co., LTD. (printers, etc., London Street, North Evington, Leicester).—Particulars filed of £800 funding certificates, authorised December 30th, 1933, charged on the future net profits of the company, the amount of the present issue being £708 5s. 10d.

JOHN DICKINSON AND Co., LTD. (Hemel Hempstead, Herts).—Satisfaction to the extent of £8,510 on January 1st, 1934, of trust deeds dated July 1st, 1912, and January 15th, 1919, and registered July 1st, 1912, and January 21st, 1919, respectively, securing £565,000 debenture stock.

TILLOTSON AND SON, LTD. (newspaper proprietors, etc., 23, Fleet Street, E.C.).—Satisfaction in full on December 31st, 1933, of trust deed dated January 17th, 1914, and

Comps LTD.

**LINOTYPERS
TO THE TRADE**

**LET US
QUOTE**

The extra efficiency we are able to give you, an **ever-ready DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something.

And our **price**, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade**.

Some of our type faces:

- 14pt. Cheltenham Wide with Cheltenham Bold.
- 12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).
- 12pt. Kennerley and Italic.
- 12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.
- 12pt. Modern with Doric and Italic.
- 11pt. Scotch and Italic.
- 10pt. and 8pt. Cheltenham Wide and Italic.
- 10pt. and 8pt. Book-print and Cloister Bold.
- 10pt. and 8pt. Garamond and Italic.
- 10pt. Modern and Italic.
- 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.
- 9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLBORN 2253

This column is set in our Metroblack and Metrolite Series

deeds supplemental thereto dated May 25th, 1927, and January 28th, 1929, and registered February 6th, 1914, April 9th, 1927, and February 18th, 1929, respectively, securing £80,000 debenture stock.

E. J. PAGE AND Co., LTD. (stationers, printers, etc., Kimber Road, Southfields).—Satisfaction on January 1st, 1934, of charge dated August 20th, 1931, and registered September 2nd, 1931.

BRIXTON FREE PRESS PRINTING AND ADVERTISING Co., LTD. (429, Brixton Road, S.W.9).—Satisfaction on February 6th, 1924, of charge dated August 29th, 1921, and registered September 13th, 1921. (Notice filed January 16th, 1934.) (According to the register of mortgages, the charge registered September 13th, 1921, originally secured £1,300.)

LONDON PRINTING SERVICE (1932), LTD. (Paxton Road, Tottenham).—Mortgage debenture dated January 17th, 1934, to secure £250, charged on the company's undertaking and property, including uncalled capital. Holder: B. R. Hart, Bensons, Sawbridgeworth, Herts.

PRINTING PROPERTIES, LTD. (41, Tabernacle Street, E.C.).—Issue on January 18th, 1934, of £1,400 debentures, part of a series already registered.

POLITICAL QUARTERLY PUBLISHING Co., LTD. (701, Salisbury House, E.C.2).—Issue on January 9th, 1934, of £120 debentures, part of a series already registered.

Receivers Appointed or Released

HERBERT C. HILL, LTD. (printers, stationers, etc., 42, Silver Street, Doncaster).—L. G. F. Waddington, accountant, of 2, St. Sepulchre Gate, Doncaster, was appointed receiver on January 15th, 1934, under powers contained in debenture dated October 27th, 1925.

TENDERS

**ST. PANCRAS BOROUGH COUNCIL
TO PRINTERS, BOOKBINDERS AND
STATIONERS**

THE Council invite tenders for the supply of Printing, Bookbinding and Stationery for three years commencing April 1st, 1934.

Forms of Tender, which contain all the necessary information, can be obtained on application to the undersigned.

Samples may be inspected at the Town Hall during office hours on any week-day from February 5th to 16th, 1934, inclusive.

Tenders are to be delivered to me not later than 3 p.m. on WEDNESDAY, FEBRUARY, 28th, 1934, in envelopes endorsed "TENDER FOR PRINTING," etc.

The Council do not bind themselves to accept the lowest or any Tender.

A. POWELL COKE,
Town Clerk.

Town Hall,
Pancras Road, N.W.1.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

CROWN FOLIO Reddish Jobber, Treadle and Power, £30. Seen by appointment only.—"Chemist," 184, High Street, Penge, S.E.20. 16137

DAWSON, Quad Royal WHARFEDALE, Balanced Flyers, Geared Inking, etc.—Apply Box 16142.

ELLIOTT AND CO., Quad Crown WHARFEDALE, Balanced Flyers, Geared Inkers, Geared Distributors and Cutter, Air Buffers, etc.—Box 16139.

FALCON PLATEN, excellent condition, low price. Can be inspected at 131, Finsbury Pavement, E.C.2. 16121

FURNIVAL Demy Wharfedale, Power, Double Drive; in perfect order.—Box 16133.

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

PHOENIX PLATEN No. 4, nearly new, hardly used. Particulars from 131, Finsbury Pavement, E.C.2. 16122

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing RISCATYPE. 15732

WANTED

MACHINERY

FOOLSCAP F. CYLINDER, Treadle. Give specification and cash price.—Box 16149.

WANTED

SITUATIONS WANTED

BINDER seeks change. Account, Publishers', Misc., or Cutter. Young, N.S.—B., c/o Mrs. White, 94, Shakespeare Road, Herne Hill, S.E.24. 16151

COMP., display, job., make-up, advts.—9, Evelina Road, Nunhead, S.E. 16125

COMP., N.S., seeks sit.; first-class Hand, used to Stone, etc.—Hodge, 2, Cobden Road, S.E.25. 16143

COMP., N.S., experienced, Modern Display, Commercial, Jobbing, Poster, etc.; highest refs.—Write Box 16152.

FEMALE, 14 years' experience, seeks situation, Folding, Wire-stitching, and Wrapping.—Box 16146.

MACHINE Ruler, Double Striker, experienced, age 26.—Hine, 29, Priory Road, Tonbridge, Kent. 16145

PLATEN or Wharfe. MINDER seeks sit.—41, Northcote Road, Walthamstow, E.17. 16144

REPRESENTATIVE with sound connection commanding Letterpress Catalogues, Brochures, etc., Litho Posters, Labels, Cut-outs; Folding Boxes, etc., wants post with large progressive house.—Box 16153.

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. Phone Holborn 0527. 15931

YOUTH, five years' experience single and two-colour Wharfedale machines, seeks change.—E. Croxford, 18, Howard Road, London, N.16. 16124

YOUNG BINDER, Stationery Letterpress; highest refs.; keen, reliable.—Veitch, 28, Longport Street, Canterbury. 16150

MISCELLANEOUS

ADVERTISER wants to purchase Waste Papers in Press-packed Bales, Strawboard Waste, Printers' Shavings, etc., etc., anywhere. State quantities available to Box 16147.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS

THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.

PHONE
GERRARD 3664 (4 LINES)
The
WEST END
ENGRAVING
COMPANY LTD
17, ST. ANNE'S CT.
WARDOUR ST. W1

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

DATE BLOCKS

"OXFORD"
Series of

DATE BLOCKS
**WIDDOWSON & Co.,
LEICESTER.**

GOLD PRINTING INKS



LAW FOR PRINTERS

An extremely useful book of reference
Should be in the hands of all Master
Printers

Price 17/6 (Postage Extra)

STONHILL & GILLIS, LTD.
58, SHOE LANE, LONDON, E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. **Price 6d.**

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION on any subject at
SUPPLIED the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

**Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4**

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678
Telegrams : "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

TRADE

NIXO

MARK

**RUBBER OFFSET BLANKETS
ZINC & ALUMINIUM PLATES**

**EVERYTHING FOR
THE LITHOGRAPHER**

**SPECIALISTS
IN
LITHO
SUPPLIES**

Send us your Enquiries:

W.R. NICHOLSON, LTD

**57-63, SCRUTTON STREET,
FINSBURY, LONDON, E.C.2.**

Telephones: Bishopsgate 4715-6.

Telegrams: "Planograph, Finsquare, London."

FEB 8 1934

PROCESS PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH. **BUY**  **BRITISH** **COPPER**

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 276

LONDON: February 8, 1934

EVERY THURSDAY
PRICE THREEPENCE

COLOUR IN PRINTING INKS

HIGH-GRADE INKS
FOR EVERY MACHINE
FROM THE ROTARY
TO THE HANDPRESS

LORILLEUX & BOLTON

Eclipse Works

LTD

Ashley Road . Tottenham . London N.17

Tel: Tottenham 3721-3

Grams: Frequentia Phone London

FOR PRINTING METALS 'Phone FRY'S Digitized by Google Mitcham 4023

Put *New Life* into your old stock

Put new life into your old stock by adding Reviving Metal. First send us a sample of your metal for free assay. We will advise you what to add to bring your metal right up to standard again. Printing Metal loses its fine casting properties unless the depreciation is counteracted. Write for our leaflet on "The use of Reviving Metal and Flux."

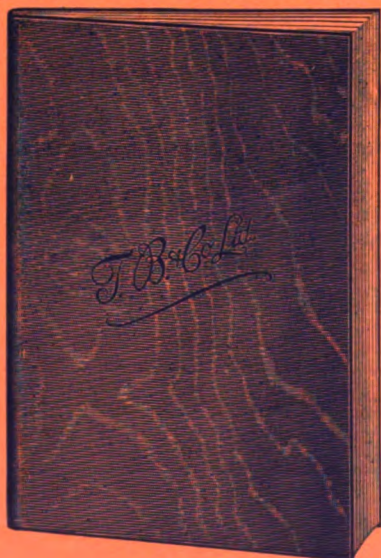


FRY'S METAL FOUNDRIES LTD., Tandem Works, Merton Abbey, London, S.W.19
MANCHESTER · BRISTOL · GLASGOW · DUBLIN

FRYOTYPE

Meets the requirements of every printer

ENVELOPES



Better Envelopes for your Customers !

The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines.

Post Free upon application, this is a handy means of reference for all engaged on selecting the right envelope for the right job.

THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 276

LONDON : February 8, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE tone continues good in the printing world, and it would be better still if prices were showing as much improvement as the volume of inquiry.

* * *

The Price Problem Remains

WE may be tiresome in our continual reiteration of the need for lifting the selling price level, but we are not nearly so tiresome as an adverse balance sheet. And, in face of facts we meet, it would seem that no pen can be powerful enough to penetrate sufficiently far to exercise an influence. Not, at least, in some quarters. Cutting would be less if costing were only more—in the double sense, known and practised. We are bound to say that in our opinion costing has suffered a setback in these last few years. What is the use of all the propaganda to create more work or to improve the quality of print, or to offer more highly organised service to customers, if the cardinal principle of knowing what each piece of work costs is lost? We can forgive a man who knows his total accurately and sells at a loss deliberately, but we should not be expected to tolerate the ignorance and potentiality for widespread injury of the man who evades costs.

A Tariff Absurdity

In a letter to the "Manchester Guardian" the librarian of the University

of Glasgow recently drew attention to an unexpected incidence of the tariff of 12 per cent. on the whole value of goods with silk in their composition. It is a poor example of the hand-bound letterpress book that does not include a headband in its make-up; and if it does, then it includes a modicum of silk, and so there is 12 per cent. to pay even though the value of the tiny bit of silk may be a farthing or less. Headbands are thus, at long last, brought into prominence. One day there will be a mediæval binding, a relic of the fifteenth century, or a codex, sewn in silk, and then the 12 per cent. will assume formidable proportions. As it is, our librarians will have to watch their importations carefully. Already

it is the order of the day to mutilate good books by cutting out the headband so that there will not be the absurd duty to pay. The best we can hope for is that there will be someone sufficiently literary minded at the head of affairs to bring common sense to bear upon the problem that has been brought to notice.

Proof-Marking

THE study of proof-marking through the centuries would be most interesting, its development being traced from early origins. The study would, however, be more profitable if it found an ultimate application in the form of a standardised code. There

ON OTHER PAGES

	PAGE
Personalia	130
Foremen and Foremanship—	
Mr. Isaacs Speaks His Mind	132
Colour for Newspapers	134
The Alden Press, Oxford	135
Process Engravers' Club	135
Trade Notes	136
Trade Printers' Progress—	
The Story of F. W. White & Co.	138
Britain's Biggest Fair	139
Topics of the Moment—	
Discussed by W. London Printers	140
"Tables & Data"	142
Paper and Ink	142
Aniline Printing	146
Obituary	147
Y.M.P. Summer School	148
Death of Mr. W. G. Griffiths	148
L.M.P.A. Annual Dinner	148
L.M.P.A. February Meetings	148
City and Guilds Exams.	148
Commercial Review	149

is a good deal of difference between printers and writers and readers in the marking of a proof, and it is well known that certain offices have differing standards. A common standard, officially adapted and adopted, might not be universally accepted, but it would be welcomed by most ordinary printers and their customers; and it would serve to introduce order where there is not a great deal at present. It might even persuade the newer generation of printers to learn to understand proof-marks.

A Reaction from Modernism

Now that we have had our vogue of type-faces, flowers, rules, staggered display, eccentric ornaments, bleed-off borders and pictures, it is possible we may return to useful simplicity, which after all, tells the story in the most direct, legible and economical fashion. It is surely high time our paper and print artists ceased to torture their brains in pursuit of the cleverness of conception which passes unnoticed in the eyes of their public.

PERSONALIA

Col. Roy F. Truscott, in a most informative and thought-provoking address to the South-West London Master Printers Association on Tuesday evening, under the title of "My Castle in Spain," dealt with the modern tendency toward State-control in industry, and predicted that this would happen in the printing industry unless it evolved a plan for itself. To that end the Colonel propounded a scheme, similar in form to, but a development of, the old craft guild system, whereby the industry would be planned and regulated by itself.

Mr. A. J. Bull, president of the Royal Photographic Society, and principal of the Bolt Court School of Photo-Engraving, is to give an address before the Society to-morrow (Friday) entitled "Some Notes on Three-Colour Work."

Mr. A. C. Ware was elected president of the Printing, Bookbinding and Kindred Trades Overseers Association at its annual meeting on Tuesday. Mr. A. M. Taylor was appointed vice-president, the hon. general secretary (Mr. Robert Bryan) again retaining his position.

Mr. F. J. Tritton, B.Sc., A.I.C., F.R.P.S., manager of the process department, Ilford, Ltd., who is to give the next Stationers' Hall lecture on the 16th, will take as his subject "The Study of Lithography as a Science." Mr. J. H. C. Hubner, managing director Hubners, Ltd., will preside.

Dr. Geo. L. Riddell will speak on "The Research Association and How We Can Use It," at the meeting next Tuesday of the South-East London Master Printers Association at Bridge House Restaurant, London Bridge.

Mr. W. Oliver has been appointed secretary of Messrs. Spicers, Ltd., in succession to the late Mr. J. T. Steele.

Mr. J. S. Elias, chairman and managing director of Messrs. Odhams, Ltd., sent a donation of one hundred guineas to the Glasgow Lord Provost's Fund on the occasion of the annual gathering of Messrs. Odhams Glasgow staff.

Mr. W. R. King has been appointed editor of the "Gas Journal" in succession to Mr. Alfred Harrison, who will retire at the end of March. Mr. Harrison will continue as a director.

Mr. A. C. Titherley, on retiring, after fifty-nine years' continuous service, from the "Western Morning News," has been presented with a wireless set on behalf of his colleagues, the presentation being made by Mr. J. L. Palmer, editor-in-chief.

Mr. Henry J. Thomas, of the Dunstable works of Messrs. Waterlow and Sons, has been presented with a wireless set on his retirement after fifty-seven years' service. The gift was handed over by Mr. V. E. Goodman, the general manager.



ENERGY

FEDERATION OF MASTER

PROCESS

ENGRAVERS

USE MORE BLOCKS

MAKE THE MOST EFFECTIVE AND PROFITABLE
USE OF YOUR ADVERTISING OUTLAY

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS.

B . I . F

OLYMPIA • LONDON

February 19 to March 2 inclusive

SEE OUR UP-TO-DATE
EXHIBITS ON THE GROUND
FLOOR OF THE MAIN HALL

STAND No. B 4

Linotype and Machinery Ltd.

9 KINGSWAY, LONDON, W.C.2

FOREMEN AND FOREMANSHIP

MR. ISAACS SPEAKS HIS MIND

In his characteristic homely and humorous but forceful style, Mr. George A. Isaacs, J.P., general secretary of the National Society of Operative Printers and Assistants, gave an address at the recent luncheon of the national conference on Foremanship or Factory Supervision, organised by the British Works Management Association and the Institute of Labour Manage-



MR. GEORGE A. ISAACS, J.P.

(General Secretary of "Natsopa")

ment. Mr. Isaacs had attended the morning session of the conference, and he commenced with a reference thereto.

We had, he said, two very interesting papers, and I think a very exciting discussion in which everybody seemed to be keenly interested; but when I heard both speakers give what I might call "the five points of fellowship," I must say it reminded me of Bernard Shaw's play, "Man and Superman." He must have been thinking of foremen! In Plymouth, some years ago, a friend and I were induced to go into the theatre to see "Man and Superman." We thought it was a prize-fight play. (Laughter.) We came out after the first round! (Laughter.) However, there really is something of that character about foremen. They have got to be supermen.

The Silent Overseer

The second speaker this morning took my breath away when he referred to overseers in the printing trade and said it was difficult to get them to talk, that they suffered from an inability to express themselves. All I can say is that I never worked under that kind!

(Laughter.) I am absolutely convinced that a foreman should be able to express himself fluently to his workmen. They prefer him to the strong silent kind. There is something in the old saying that his bark is worse than his bite, and the men prefer a foreman who will bark at them to one who will bite them round the corner.

It is strange that in the printing and allied trades we don't use the term "foreman," but "overseer." In the dictionary the word is said to mean "chief man who presides over a team of others." Now I like that designation of the foreman, because I have worked with a foreman who would row with us happily, but Lord help the man upstairs if he wanted to come down and row with us! He would stick up for us all the time. If there was any trouble upstairs, we knew that he would say it wasn't our fault.

The Foreman's Qualifications

I like the term "foreman"—"a chief who presides over a team of others." I have worked under many foremen. I have myself in many respects been a foreman, because I have a large office staff to control. I am going to tell you this: If the relationship between foremen and men was as good in every industry as it is in printing, there would not be much to complain of. (Hear, hear.) I am proud of the relationship.

This morning we heard something about the qualifications of the foreman. I place in the forefront craftsmanship. A foreman is no good if he doesn't know his job. It is no good to be able to tell a man how to do a job if you can't do it yourself. By the way, I believe that the foreman or forelady who remembers that their workmen or workwomen have Christian names goes far towards creating a feeling of confidence in the mind of the workers—"Bill," "Joe" or "John" instead of "Smith" or "Brown."

The foreman must be a craftsman, a master of his job. He must know something about estimating, about safety, about health conditions, the laws relating to his industry and the trade customs and practices, about the peculiarities of his men, and, what is far more difficult and important, he must know the foibles of the management. Those are some of the broad lines which a man who aims at being a foreman and a master in the art of foremanship has to study, and some of his pitfalls.

Necessity of Confidence

Now foremanship necessitates proper discipline, and foremen must have fair play. You who are upstairs managers, and not in the works department, please remember that the foreman is a kind of buffer between you and the men. He must have fair play from upstairs, or he can't pass it on. There must be understanding, and if a foreman is going to get the best out of his men and give you the best, he must be a leader and not a driver—all the difference in the world. Believe me, the men will follow such a man

Indispensable to the live printer and
an acquisition to his reference library

THE
RISCATYPE
1934 CATALOGUE

150 PAGES BOUND LOOSE-LEAF SYSTEM,
SHOWING ALL OF THE MOST POPULAR
MODERN TYPE FACES AND FULL RANGE
OF SINGLE TYPE & STRIP BORDERS, Etc.
POST FREE ON APPLICATION.

BRITISH INDUSTRIES FAIR
STAND **RISCATYPE** B3.

YENDALL & Co. Ltd.

Typefounders, RISCA, Mon. Telephone, RISCA 7439

For London Customers : 11 PLOUGH COURT, FETTER LANE, E.C.4. Tel. Central 8640

with confidence and respect, and you will get more out of him than out of a slave-driver.

To go back to my own experience, I was once working in a bindery department where we had an overseer of whom we used to say that he only needed a slouch hat and a whip to be a nigger-driver on a plantation. The result was that, when he left the room we did no work, until the scout we posted warned us of his return. When he was succeeded by a new foreman, promoted from the department, who knew our troubles, he called us together and said: "Look here, I hope we are going to have a different state of things, and I won't ask you fellows to do anything I am not ready to do myself." He told us he was going to *lead*, not *drive*. And the result was that that department produced more than it had ever done under the nigger-driving foreman.

A foreman should have the confidence of his men. If they have confidence in him they will do more for him than if there is an element of fear in their relations. There *must* be a certain element of fear in a workman's life when he knows that at the end of the week's work he may get a week's notice or an hour's notice; but if he is keen on his job because he has confidence in his foreman and not fear of him, it makes all the difference.

Encouraging Co-operation

There must be praise as well as blame. Judicious praise is bread cast upon the waters. Encourage your own staff to have their own ideas. Don't think that if a man is trying to improve his knowledge, he is trying to do you out of your job; because if you have any feeling of that sort, you aren't the right man to hold it. At sea once I happened to say that I thought the propeller was a bit wrong, to the man in charge of it. His reply was: "You mind your own business!" So when we saw things going wrong on that ship, we just let them go wrong. Foremanship is like seamanship. Seamanship is the art of navigating a ship at sea. Foremanship is the art of navigating industry through the problems that beset it.

The Foreman as Buffer

Now I have already said that the foreman is the buffer between the management and the workshop. He must preserve a proper balance, he must not be too rigid or too soft. He must be able to give, and bend, and tack, and recover. I am not suggesting the impossible, because there are thousands and thousands up and down the country who are preserving the proper balance between staff and management, enabling the work to be carried on without being crushed between opposing forces. Works managers who graduate through foremanship can express their requirements and be understood by the workmen better than the purely theoretical type. The modern foreman must also have a scientific course of foremanship, because among other things he has got to face up to the estimator and his like.

In some offices you know the estimator is the man who says how long the job ought to take. Then there is the production expert, who says you have used too much material. And another expert who says "Don't do it that way!" And the Industrial Psychologists who give you a psychological reason for doing it another way—and a lot more experts. (Laughter and

applause.) I see that the foremen present here appreciate what that means. There are too many sea-lawyers about. As a trade union secretary, I often hear from the overseer: "Lumme, what do I want to know about all that? I've got enough to do with my own troubles!" We don't want that kind of expert.

Foremanship and Efficiency

And finally, we want the foreman to be the spokesman for his men, one who has their confidence, who will protect as well as punish. The foreman who really carries out the true spirit of foremanship is the backbone of British industry. I have seen American foremanship, and I know it is wonderfully efficient in its methods. I have seen French and German foremanship. But from the point of view of the workman and of the trades union official who goes to discuss matters with him, give me the British foreman. We don't want slave-drivers, for they don't do any good to anybody at all.

Remember, when we have legal troubles we send for the lawyer. When we have physical troubles we send for the doctor. When our balance sheet is upside down, we send for the accountant, and he will put it right till the income tax authorities look at it. (Laughter.) If you are short of cash, you send for your banker, and if you are lucky he'll give you some. (Laughter.) When you have industrial troubles, you should send for members of your own department, for your own efficiency expert.

The foreman must be loyal to his management; and for this he must have his men's loyalty. You must have as foremen men who are masters of their craft, and who are able to manipulate their team through the problems of industry. Give such men opportunities to exercise their foremanship, give them a trial. (Applause.)

Colour for Newspapers

Contributions from various pens forecasting the conditions of life twenty-five years hence appeared the other day in the "Kent Messenger." One—by Mr. F. Baker, manager of that journal—was on the subject of colour printing.

"Colour printing," wrote Mr. Baker, "in some form or another, will, I have no doubt, be universal in newspapers twenty-five years hence. The term, however, is capable of very elastic interpretation, and is often loosely applied.

"Our national dailies are printing advertisements in colour, and are spending large sums on experiments. Actually, however, the class of printing referred to has no claim to the title of colour printing. Technically it applies only to the reproduction of pictures in colour—such as we get in high-class magazines, etc.

"The various processes are comparatively slow, and all are very expensive. It is difficult to visualise any new or modified method that would be practicable for everyday use by newspapers with extensive circulations.

"Real colour printing for special supplements and advertisement insets, yes; for everyday use for news pictures—very doubtful."

The Alden Press, Oxford

A Century-Old Printery

A pleasant social gathering took place at the Clarendon Hotel last week when the staff dinner of the Alden Press (Oxford), Ltd., was held. This marked the first gathering of its kind since the formation of the new company. Mr. Claude Rippon (chairman) presided.

The toast of "The Alden Press" having been proposed by Mr. H. S. Critchley, Mr. H. J. C. Alden, in reply, said that although the Alden Press, as such, was not a very old concern, Alden, Printers, Oxford, were not of mushroom growth. In 1832 Mr. Henry Alden, the speaker's grandfather, started business in a very small way as a printer, stationer and music seller. In 1833 he had to apply to a Justice of the Peace for permission to have a printing press. For forty years he was the principal of that business, being joined by Mr. E. C. Alden. In 1872, exactly forty years after the business started, Mr. Henry Alden died, and the speaker's father took charge, being assisted by Mr. James Alden, who later went to Stow-on-the-Wold and started for himself, and whose son, Mr. Raymond Alden, came into the main stream again. In 1891 a private company was formed, in which Mr. H. E. Alden was largely the moving factor. In 1904 the speaker came into the business and he did not regret that decision. In 1912 Mr. Edward Alden, the speaker's father, died, and it was not an easy thing to follow such a man as he.

The speaker next referred to his first meeting with Mr. A. A. Tyler, another director. In 1919 Mr. Raymond Alden was invited to join them and no one could put too high a value on his technical knowledge, ability and taste. He also spoke of his associations with Mr. Rippon, whose sane policy and advice had brought the company to where it was. It was in 1926 that they made the Alden Press; in 1929 they made a big extension and Mr. Howard joined the board. In 1932 they took over George Bryan and Co., and in 1933 they made another big move in purchasing additional premises in Binsey Lane.

Process Engravers' Club

The next meeting of the Process Engravers' Club (London Section of the Federation of Master Process Engravers) is to be held on Thursday next, February 15, when Mr. Edward Swann, chairman of the Association of Artists in Commerce, will address the Club upon "The Manufacturer, the Engraver and the Artist." The annual general meeting of the Club will be held upon the same evening.

EXCELLENT views of various departments of the printing house of the Porte Publishing Co., Salt Lake City, Utah, U.S.A., with information about them are included in a special issue of the firm's house journal, the "Business Printer." Mr. R. T. Porte, the principal, is at present cruising amongst the South Sea Islands.

**Tell them
why
LARGER LABELS
ARE WORTH WHILE**



Point out to all your customers that large, gummed labels are excellent advertisements; cost very little more than plain, are seen at a greater distance by many more people and use more of the free publicity space on parcels.

PRINT THEM ON

**SAMUEL JONES
NONCURLING
GUMMED PAPER**



STAND
No. B 7

There is a
**SAMUEL JONES
GUMMED PAPER**
Suitable for all known printing processes
GUMMED PAPER

is
**Easy to PRINT
Easy to STORE
Easy to USE**

SAMUEL JONES & CO., LTD.
BRIDEWELL PLACE, LONDON, E.C.4



TRADE NOTES

IN the Chancery Division on Friday Mr. Justice Eve had before him an action by Kelly's Directories, Strand, W.C., against the Wembley Press, the printers, and Mr. S. C. Sullings, trading as Le Grice and Jeffries, the publishers of "The Wembley Year Book, 1932-33," for an injunction restraining infringement of copyright. The injunction was granted against both defendants, and with costs against the defendant publishers.

MESSRS. MARSHALL, MORGAN AND SCOTT, proprietors of the "Christian," have acquired the "Record," which was first published in 1828, and is the oldest religious weekly periodical.

IN order to give better service to customers in the North, who have increased in numbers during the past few years, the Monotype Corporation, Ltd., have opened a service dépôt in Leeds, for which a resident inspector has been appointed. The address of the new office is 3, Stansfield Chambers, Great George Street, Leeds. The telephone number is Leeds 21355, and the telegraphic address is "Monotype, Leeds."

THE Printing Industry Research Association will hold its fourth annual general meeting on February 12th, in the Large Hall, St. Bride Institute, E.C.4. Lord Riddell, the president, will occupy the chair.

THE National Council of the National Federation of Retail Newsagents, Booksellers, and Stationers has passed unanimously a resolution asking the support of all advertisers, publishers, wholesalers, and printing trade unions against the growing number of gratis newspapers. The National Council feels that if such papers get a hold they will prove a very serious menace to the economic stability of the newspaper distributive trade.

IN a lecture last week at Aberdeen University Mr. Rex Knight, Anderson Lecturer in Comparative Psychology, said that psychological tests were soon to be put in use experimentally by the Aberdeen printing trade.

THE annual dinner of Rawlinson's Printing Works, Northwood, Middlesex, took place at North Harrow, and was the occasion of the presentation, the third of its kind, to an employee, Miss Rayson, on completion of twenty-one years' service with the firm. Mr. A. E. Rawlinson presided, supported by Mrs. Rawlinson. Mr. D. Fidler (London office) proposed "The Firm," and in replying Mr. Rawlinson presented Miss Rayson with a grand-daughter clock.

THE London Central Districts Master Printers Association has arranged for a dance-cabaret to take place on February 20th at Stationers' Hall.

THE "Yorkshire Observer" celebrated its centenary on Tuesday by the production of a special number. Mr. F. G. Byles, son of Wm. Byles, the first editor of the paper, tells the history of the paper down to 1909, when the paper passed to the Bradford and District Newspaper Company.

THE staff of the "Birkenhead News" have been giving demonstrations of up-to-date typesetting and printing, at the Birkenhead Trades Exhibition, at the Drill Hall, Grange Road West, Birkenhead.

MESSRS. CAMCO (MACHINERY), LTD., have entered the ranks of the guillotine guard suppliers with one to be known as the "Henderson" Patent Safety Guard. It has the approval of the Home Office and the Federation of Master Printers, and works on the principle of entire control by the knife-holder, which means that if the knife operates, accidentally or otherwise, the guard comes into use automatically and immediately. The Camco concern are the sole English selling agents for this guard, and fuller particulars can be obtained from their offices at 63, Farringdon Street, London, E.C.4.

AMONGST the latest publicity matter issued by Messrs. Samuel Jones & Co., Ltd., is an admirable illustrated folder drawing the attention of printers and others to the possibilities of labels as advertising media.

Printers' League Football

The results of matches played on Saturday (3rd) were:—

Henry Good	8 v. King's Printers	0
De La Rue	0 v. Oyez	0
Loxleys	2 v. Cornwall Press	0

When there must be NO MISTAKES use these

KIDD'S SET-OFF ELIMINATOR

Improves working of offset, litho and letterpress inks, aids absorption and prevents sticking. Very economical in use.

Price
3/-
per lb.



KIDD'S MATT DRIERS



Price
2/9
per lb.

An effective Drier for letterpress, litho and offset inks. Acts also as reducer. Does not injure colours and retains matt effect.

KIDD'S PASTE DRIERS

Particularly useful when printing on hard surfaces. Does not reduce the body of the ink, nor impair "finish" or gloss.

Price
2/6
per lb.



Manufactured by

JOHN KIDD & CO. LTD.

10 & 11, WINE OFFICE COURT, FLEET STREET, LONDON, E.C.4

The Winter Number of **PAPER & PRINT**

is Now on Sale

Rich in illustration, colour and helpful reading matter, this is another striking production.

The many features include :

Printing Specimens Reviewed	...	H. A. Maddox
Choice of Papers and Inks	...	R. B. Fishenden, M.Sc.Tech.
Pitfalls for Paper Users	...	Edw. A. Dawe
Poster and Showcard Design and Printing	...	Alfred Bastien
Lithography in Present-Day Sweden	...	Joseph Goodman, F.R.P.S.
Half-tone Blocks & Paper Surfaces	...	A. Grout & W. E. Barnard
Carton Making and Printing	...	E. Gurd
A Warning to Carton Makers	...	P. J. Stevens
Guide to Present-Day Types	...	A. F. Johnson
Review of Successful Layouts	...	W. E. Trimble
Safety Guards for Guillotines, etc.		

Technical queries are answered, and new machinery and supplies reviewed. Numerous fine insets exemplify papers, boards, inks and printing processes.

If you are not already a subscriber it is advisable to order NOW. **PAPER & PRINT** is always sold out soon after publication, despite increased printing order. The cost is **FIVE SHILLINGS** per annum, or if ordered through your newsagent One Shilling per copy.

STONHILL & GILLIS LTD

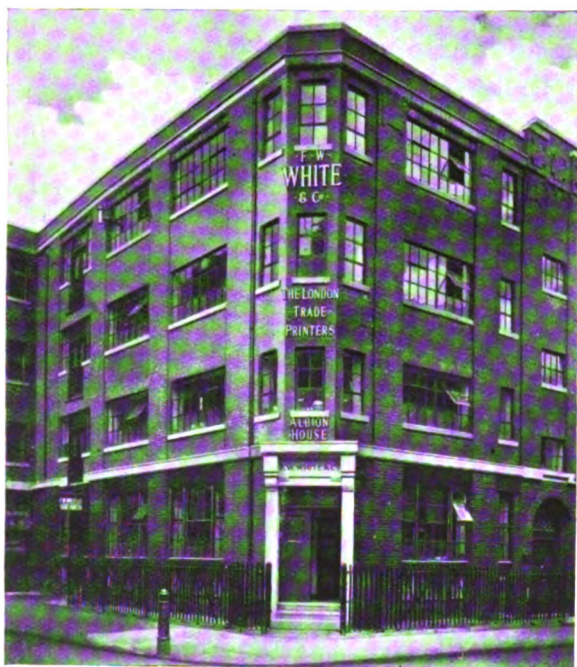
58 SHOE LANE • LONDON, E.C.4.

TRADE PRINTERS' PROGRESS

THE STORY OF F. W. WHITE AND CO.

Business integrity, quality of service and reliability in all things—these are the essentials that bring success in business. They are the foundation on which the firm of F. W. White and Co., of Albion House, New North Street, London, W.C.1, has stood ever since its inception, and upon which success has been built. From quite small beginnings the firm has grown to be one of the best-known trade printers in London and the immediate provinces. This does not sound particularly spectacular because all big things

continued to flourish, and in 1912 a building site was acquired and a factory was erected by the firm at 14-18, Emerald Street. Six years later, accomoda-



ALBION HOUSE

have, and must have, small beginnings; not all small enterprises, however, achieve bigness. In truth, the spectacular is not stressed by Messrs. F. W. White and Co. They are quietly efficient and painstaking, and are building on sure foundations a solid structure which will long survive.

The partnership in control comprises Mr. F. W. White (founder), Mr. K. W. Russell, and Mr. F. J. Field. The outdoor representatives are Mr. Alan Russell (son of Mr. K. W. Russell), who is on the Committee of the London Young Master Printers Group, of which he is an active member, and Mr. R. Wright, who is well known throughout the trade.

Steady expansion is apparent in a brief history of the firm. In 1895, Mr. F. W. White founded the business, when he used a small shop at 181 Great Portland Street, W., as his first printing works. In 1898 a move was made to larger premises, which, in turn, became too small, and in 1902 considerable alterations and additions were made. Still this lusty child



A Section of the Letterpress Machine Dept.

tion had again become cramped, and additional premises were taken at Princeton Street, Bedford Row. Five years passed, and it became apparent that still further extensions would be necessary. So in 1923 a corner site was secured and the present Albion House was specially built to house conveniently the large and



A Corner of the Litho Dept.

modern plant. The firm moved in during 1925 and found ample room, but eight years of steady progress have passed and the "ample space" has become "just enough." How soon, one wonders, will it become "not enough"?

It was the pleasure of our representative to be shown over the building recently, and to see the machinery in operation, and realise the variety of operations the firm can perform. The letterpress

department is most efficiently equipped. The numerous machines up to quad demy are capable of handling any and every class of letterpress work. We saw several three and four colour jobs in course of progress. A new colour press has been installed this year. On the ground floor are the offices, and the warehouse and dispatch department. Here expert packers load the printed matter into the firm's plain delivery vans, ensuring confidential and timely delivery.

The first floor houses the lithographic department, where we saw some very fine work going through—the last colour was being printed on a six-colour job.



A Portion of Folding and Stitching Floor

Commercial lithography from inception to finish is here expertly handled. Looking through a book containing samples of actual work produced by the firm from time to time, we were interested to see the number of catalogues, brochures, pamphlets, etc., produced by the



Paper Warehouse and Dispatch Dept.

firm for national advertisers—pieces of printing which have been commended by the trade as well as by the recipients. The composing department is also on the first floor, where hand and machine composition can be competently handled by men who understand and appreciate modern layout and display.

The binding department is on the second floor, and is a large airy room, where upwards of thirty women are usually employed. Here the folding and stitching

machines turn out large quantities of pamphlet work. The firm is often called upon to help in prospectus folding. Flush binding, folding, wire-stitching, numbering, and the many other operations connected with binding and folding are performed, giving the finish so necessary to the job.

Messrs. F. W. White are trade union in all departments and about a hundred people are employed, and in every section of the business they have capable work-people, without whom the best possible machines could not produce high-class printing. The firm has two main classes of clients, namely, printers and advertising agents, and it is essential when doing work for either that the result should be of the best in its class. Thus there is continual incentive to the firm to maintain the high standard they have set.

In the course of conversation, Mr. K. W. Russell expressed the opinion that there was a definite improvement in trade, stating that enquiries and orders were now coming along from people from whom they had not heard for some time.

The alertness and ability of its directors is evidently one of the chief reasons for the firm's success. It is interesting to add that Mr. F. W. White has been prominent in the Trade Lithographic Section of the London Master Printers Association and still represents the Section on the Council. He is also a London representative on the Federation Council. In all ways he and his co-directors endeavour to uphold the honourable traditions of the craft.

Britain's Biggest Fair

The 1934 British Industries Fair, to be held from February 19th to March 2nd, will be of record proportions.

Up to date, a total area of 796,817 sq. ft. of space has been booked by exhibitors at the Olympia, White City and Castle Bromwich, Birmingham, sections of the Fair. Total allotments at the 1933 Fair, which itself was larger than any of its predecessors, amounted to 708,100 sq. ft., or just over two acres less than next month's display. The additional area alone this year is almost as large as the first Fair, held in 1915, when all the exhibits occupied 88,000 sq. ft.

So far, more than 2,000 trade buyers in various parts of the world have written to say that they will attend the Fair. At the corresponding date last year 1,200 acceptances were received. A large number of overseas firms have also instructed their London agents to attend the Fair.

Posters, showcards, illustrated leaflets and other material advertising the Fair have been widely distributed in all countries which provide markets or potential markets for British goods. The publicity material sent abroad is printed in nine different languages. It includes: 400,000 brochures and folders, 600,000 poster stamps, 5,000 large posters, and 16,000 showcards. In addition, the following material is being distributed within the United Kingdom: 8,500 sixteen sheet posters, 11,000 smaller posters, 7,000 showcards, 2,000,000 poster stamp, 150,000 folders, and 25,000 miscellaneous window bills, etc.

TOPICS OF THE MOMENT

DISCUSSED BY WEST LONDON PRINTERS

A well attended and interesting meeting was held on Tuesday of last week at the Grafton Hotel, Tottenham Court Road, W.1, by the West and North-West London Master Printers Association. The South-East Association had been invited and attended in good numbers, and there were also present visitors from other districts. The occasion was a Question and Answer Meeting, and many trade topics were discussed in a more or less impromptu manner, both enlightening and amusing. Mr. Scarsbrook (W. & N.-W. president) presided, supported by Mr. Fred. Mason (vice-president of the London Master Printers Association), Mr. C. Errington (president of the S.-E.), and Mr. L. C. Langley (secretary of the W. and N.-W.). Others present included Mr. A. Suckling (president E. and N.-E.), Mr. Fred. Chivers (S.-W.), Mr. W. J. Boyle (Central Districts), and Mr. E. G. Baker (secretary, L.M.P.A.).

Mr. Scarsbrook, on behalf of his association, extended a welcome to the South-East members and other visitors.

Mr. A. T. Philp asked the first question, "Is it better for a small printer to engage a traveller or to go out himself and train a man to take his place inside?" Mr. Errington was called upon to reply, and said that he thought it better for the master to go out himself. He had more personal contact with his customers, and more pulling power altogether. It was, of course, difficult to get the right man inside. They could, however, train a man, though this would take time.

Various conflicting opinions were expressed on this question, though it was generally agreed that it was necessary, as Mr. Boyle said, to employ an outside man, but it was the duty of the master himself to make friendly calls on his customers.

Taking Outside Orders

The second question, asked by Mr. T. C. Waterlow of Mr. S. N. Heron, was "Should a printer take on a job for which he is not equipped and handle it, or should he recommend his customer to another printer?" Mr. Heron said, that he personally would certainly take the job. In the first place, he might be inclined to doubt the wisdom of handing over a probable client to a competitor.

Mr. L. C. Langley said that if they took on work they were not equipped for, technical snags were apt to creep in.

Y.M.P. Summer School

"What is your opinion of the arrangement of a summer school for Y.M.P.s?" was the third question, which Mr. E. H. Neale asked Mr. Fred. Mason. In his forceful manner Mr. Mason said he was pleased that question was asked him because he was a great advocate and believer in the Y.M.P. movement. It was not possible for any members of any trade or craft, he said, to get together too often. It was a move in the right direction, instituting that summer

course. He referred to such courses in other subjects, and the benefit to be derived therefrom. The first purpose of the school was for education; secondly the interchange of views among the Y.M.P.s from all over the Kingdom must tend to the welfare and benefit of the industry as a whole; thirdly there was the advantage of the social side, which must enlarge the young men's outlook.

There was various discussion on this question, it being generally agreed as to the value of the course, though it was mentioned that from the small printer's viewpoint the financial side must be seriously considered. The object of the school was admirably summed up by Mr. L. Burns, who said that the whole purpose of that training was to put printing in line with other arts, and to give concentrated study in the form of a series of lectures and practical demonstrations which would present absolutely up-to-the-minute information, impossible to obtain from book-learning.

Publicity and Selling

Mr. R. F. Hunger asked Mr. L. Burns if he thought the Federation Publicity and Selling Committee was receiving the support it deserved. In answering that

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and Italic)

GOthic, LINING
(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN
(light and 110)

IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

question, Mr. Burns said he had very great hopes for that committee—hopes that they would not only develop schemes for a great age of printing in this country, but that they would create a demand for British printing in foreign countries. British printing was of a very high standard compared with that of other countries of the world. On that claim, he thought, they might stand a good chance of roping-in foreign markets.

Mr. Baker supported Mr. Burns in his remarks, and outlined the work that the Publicity and Selling Committee has done and is doing.

F.M.P. Annual Conference

The sixth question was "Are you attending the annual conference, and why?" Mr. Wright, senior, put the question to Mr. Scarsbrook. The latter hoped he would be present at the annual conference at Torquay this year, and spoke of the value of the personal contacts and friendships formed at the conferences. Mr. Baker outlined the programme which was being arranged, and said that as London were the hosts it was up to them to support the committee and attend the conference in force. Mr. Mason emphasised what had been said, and urged them to make this year's conference a memorable one.

The final question was put by Mr. H. L. Norman to Mr. W. H. Leveridge, and was "Do you believe in annual outings for the association?" Mr. Leveridge's reply was an unqualified "Yes," which was endorsed by various other speakers.

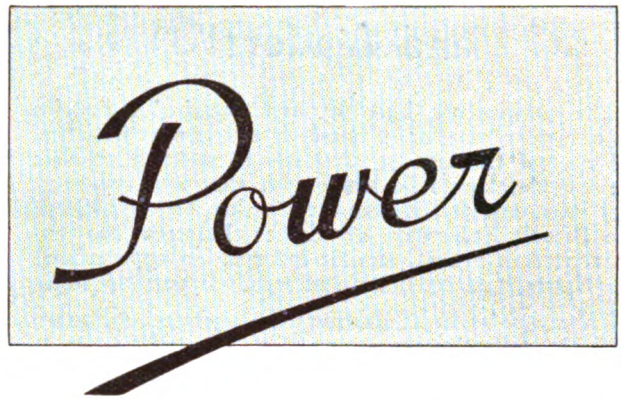
Before concluding the meeting Mr. Scarsbrook announced that the W. and N.-W. Association's twenty-first anniversary dinner was to be held at Pagani's on March 6th. He referred to Mr. T. D. Hawkins, of whose illness they were all sorry to hear, and suggested that a telegram be sent wishing him speedy recovery; also that they send best wishes to Mr. W. L. Sidders, who was celebrating his birthday that night. Both propositions were passed unanimously.

Mr. W. J. Pollock proposed a vote of thanks to the chairman which, was cordially carried.

British Legion Report

The annual report of the British Legion for the year 1932-33, which is to hand, shows that the useful work which that organisation does is being carried on with unabated vigour. The report covers fully the varied activities of the Legion and mentions Preston Hall, the British Legion village, which includes a printing department. Of that department the report says, "The printing department again led the way with a profit of over £1,400." Employment is receiving the particular attention of the Legion, which has been successful in placing almost forty thousand men in work during the year under review.

A COLOURED cut-out against a silvered background gives great distinction to the calendar of Messrs. William W. Cleland, Ltd., printers, etc., of Chancery Lane, London.



Power is that which drives the Cornish Riviera Express and the world at large; it controls National Grid Schemes and rotary presses.

All these are dependent upon the six simple machines — the lever, balance, screw, wheel and axle, wedge, and pulley.

These, in their turn, are set in motion by the power of the pen.

And the pen is giving of its greatest power in advertising.

Advertising needs the support of a complete service, and when that service is supplied by an entire firm, running the various operations concurrently, the power is assured.

So the presses and expresses will run and run.

Knighton & Cutts Ltd

Process Engravers, Photographers for Advertisers, Typesetters, Electrotypers & Stereotypers • Denman Place, Piccadilly, London, W.1 • Gerrard 5231 (6 lines)

"Tables and Data for Printers and Binders"

The engineering, building, and electrical industries each have a number of manuals containing statistics, tables, and formulæ of all kinds to make it possible for calculations to be made with ease and accuracy, and in a new publication the Costing Department of the British Federation of Master Printers has endeavoured to provide similar information appertaining to printing and binding in an easily accessible form.

There are sections dealing, amongst other items, with the following:—

Paper.—Sizes and sub-divisions; usual weights by sizes and grades; equivalent weights for all standard sizes; number of "overs" required for orders of 100 to 100,000 copies for all processes; number of sheets required for orders of all sizes and quantities; weights, thicknesses, and number in bundle of strawboards, millboards, and wood pulp boards.

Bookbinding.—Account book specifications; paper required according to number of leaves; standard rulings for feints and down lines; pages to letters for indices up to 324 pages; trimmed sizes of books.

Type.—Equivalent factors; size of body; lines per inch (solid and leaded); ens per inch; a chart providing in diagrammic form three factors (area, words, and body—solid and leaded), a straight line across any two known factors "cuts" the required third factor; lines per 1,000 ens; type measurements, body and height, in thousandths of an inch.

Miscellaneous.—Weights of wire and sheets of aluminium, zinc, and copper; factors for conversion of metric into English measurements and vice versa; depreciation by the diminishing values of 5 per cent., 7½ per cent., and 10 per cent. per annum; number of years required to write down £100 to £10 and £5 at 2½ per cent. to 25 per cent.

The published price of this exceedingly useful book is: cloth cover 3s., paper cover 2s. It is published by the British Federation of Master Printers (Costing Department), 7 to 10, Old Bailey, E.C.4.

Paper and Ink

After considerable experimentation, the Bureau of Standards, Washington, has found a writing ink which apparently will not deteriorate paper. The Bureau found, by inking papers and subjecting them to accelerated ageing by applying heat, that the ordinary acid type of writing ink caused rapid embrittlement of the papers; in some cases the folding endurance of the papers was decreased as much as 50 per cent. The type of ink believed to be satisfactory is alkaline; ammonia replaces the acid of the usual type of ink. There was practically no embrittlement of papers inked with this preparation when they were subjected to the heat test.

MR. FRANK WILLIAMSON, Ashton-under-Lyne, ticket printer, left £107,291 (net personalty £101,266).

New British Patents

The Group Abridgments can be obtained from the Patent Office, 25, Southampton Buildings, London, W.C.2, either sheet by sheet as issued on payment of a subscription of 5s. per group volume, or in bound volumes price 2s. each, and the full specifications can be obtained from the same address, price 1s. each.

Applications

- Ball, D. A., Quick, C. G., and Whitehead, W. A. Delivery mechanism for use with printing machines. 590.
- Bastien, R. Type moulds. 987.
- Bekk and Kaulen Chemische Fabrik Ges. Preparing shellac solutions for production of etched photographic printing formes. 164.
- Boxfoldia, Ltd., and Harris, T. R. Cardboard, etc., boxes. 900.
- Chadwick, J. Envelope. 202.
- Chadwick, J. Paper envelopes. 620.
- Dixon and Needham, Cornish, W. W., and Needham, E. E. Guard for paper cutting machines. 13.
- Hollings, H. Automatic sheet-feeders for printing machines. 840.
- Jackson, J. G. Closing open ends of paper bags, etc. 28.
- Lougee, E. G., and Pattinson, T. E. Inking mechanism for printing machines. 348.
- Moore, C. F. Quoins for printers' chases. 855.
- Rhodes, T. W. Envelopes, folders, etc. 1.
- Teletype Corporation. Type-setting systems. 188.
- Turk, W. Rotary printing and stamping machines for paper, etc. 628.

Specifications Published

1932

- Robinson, Ltd., E. S. & A., Robinson, P. G., and Dufty, S. Display boxes or cartons. 404,116.
- Schlesinger, A. Inking apparatus and the method of operating the same. 403,990.
- Sowden, F. H. Sheet delivery apparatus for printing machines. 403,711.
- Wood, A. W. Ticket printing and marking and issuing machines. 403,644.

1933

- British Thomson-Houston Co., Ltd. Printing rolls. 403,905.
- Dawson, Payne and Elliott, Ltd., and Stott, E. Sheet-delivery apparatus for printing and like machines. 404,157.
- Hart, H. (Wood Newspaper Machinery Corporation). Web-replenishing apparatus for printing and other machines. 404,216.
- Henderson, J., and Henderson, A. Guard for guillotine cutting machines. 403,869.
- Intertype Corporation. Justifying device for matrix-composing and type-line-casting machines. 404,231.
- Michard, C. O. Envelopes and paper for correspondence. 403,878.
- Tennant, W. J. (Typograph Ges.). Matrix-setting and type-line-casting machines. 404,139.


Complete Specifications Open to Public Inspection Before Acceptance

1933

- Goss Printing Press Co. Printing Presses. 18,853.
- Intertype Corporation. Matrix-composing and line-casting machines. 17,419.


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfeld, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono.cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPING CO., LTD., Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornill chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1, Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

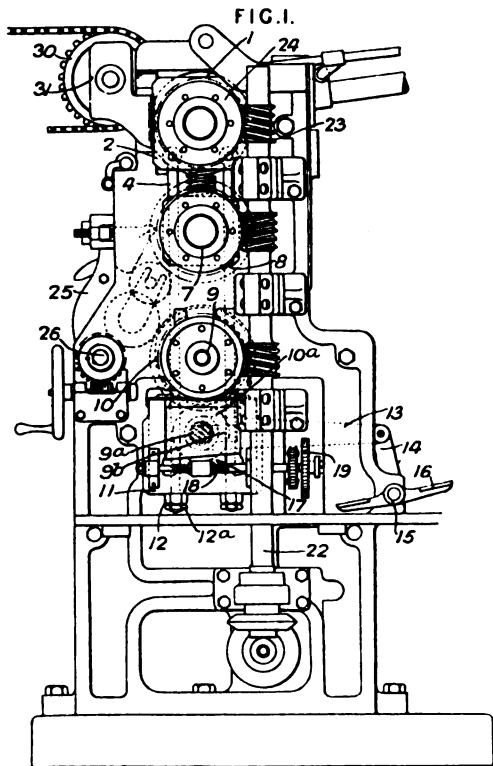
SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: City 4948 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

NEW INVENTIONS

Two-Revolution Presses

Mr. E. W. Haward has patented an invention whereby, in a two-revolution intaglio or other printing-press, the impression cylinder 1 is mounted at each end in spring-raised bearings 2 and is drawn into printing position during alternate revolutions by means

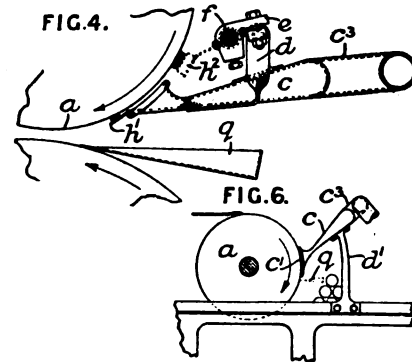


of rods 4 which are connected by nuts 12, 12a to a vertically sliding yoke 11 which is normally reciprocated by means of a cam 10 on a cam shaft 9. The cam 10 acts on a roller 10a on a shaft 9a fitted with a rectangular portion engaging a rectangular cavity 9b in the yoke 11. Rough adjustment of the impression pressure is obtained by the nuts 12, 12a, and a fine adjustment by means of a wedge-shaped slide 17 operated by a traversing screw 18 with a micrometric adjustment 19. The impression may be thrown off by displacing the shaft 9a by means of lever and link mechanism 13, 14, 15 operated by a pedal 16, the cam 10 then becoming inoperative. The shaft 7 of the printing-cylinder 8 is mounted vertically below the impression cylinder, and a vertical shaft 22, driven by bevel gearing from a motor, drives the shafts 2, 9, 7 by means of worm gearing 23, 24. To adapt the machine for printing sheets of any desired size, cams of different sizes may be mounted on the shaft 9 externally of the machine frame so as to be readily accessible for replacement. The delivery chains are passed over sprockets 30 which are mounted in brackets 31 secured to the blocks 2 and so rise and fall with the impression cylinder, and a flexible drive is provided for the sprockets 30, or the delivery chains may be independently driven. The machine is preferably fitted with a doctor blade of the kind described

in specification 369,738, and the blade is supported by arms 25 on a shaft 26 which is reciprocated axially by an eccentric driven from the cam shaft 9. 397,491.

Removing Dust From Papers

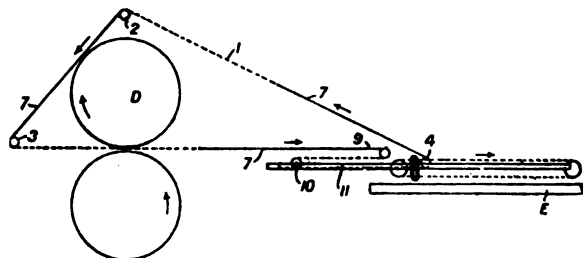
The Co-operative Wholesale Society and Mr. H. E. Marshall have patented apparatus by which in an off-set lithographic or letterpress printing machine, grit or foreign matter is removed from the surface of the paper prior to the printing operation by means of a flared suction nozzle *c*, arranged near to but not in contact with the paper, and a brush *h*¹ or strip of plush, which contacts lightly with the paper. The



nozzle *c* and brush *h*¹ are connected by legs *d* to arms *e* on a shaft *f*, which is preferably oscillated by an adjustable cam so as to move the nozzle away from the impression cylinder *a* when a sheet is not passing. A second brush *h*² may be carried by the shaft *f* to act on the sheet prior to the nozzle *c*, and a tray or scoop *q* is preferably fitted below the nozzle to receive pieces of paper, etc. The nozzle *c* is curved to the shape of the cylinder at its front end and extends right across the cylinder, and its rear fish-shaped part is connected by an elbow pipe *c*³ and a flexible connection to an exhaust pump fitted with an air filter, the pump being preferably driven from the printing machine. As applied to a flat-bed letterpress machine the nozzle is supported from upright brackets *d*¹, Fig. 6, to which the nozzle is rigidly secured; or the nozzle may be carried by an oscillating shaft mounted in these brackets.—392,326.

Sheet Delivery Apparatus

Mr. A. Beevers' invention relates to sheet-delivery apparatus particularly for stop-cylinder printing-



machines and comprises a plurality of travelling frames upon which the printed sheets are received,

each frame being subjected to an abrupt change in its direction of travel whereby the sheet carried thereby is delivered. The frames 7 consist of flexible metal tapes and are carried by endless chains 1 passing over small sprocket-wheels 2, 3, 4, 9, 10, and the sheets are dropped on the frames from the delivery-cylinder D by rotating grippers in the usual way. As each frame 7 passes over the sprocket-wheel 9 it is given an abrupt change of direction and the sheet thereon is projected on to a reciprocating tape-carriage 11 which deposits the sheet on to a delivery table E. A roller may be mounted at the leading edge of the carriage 11 so as to facilitate the delivery of the sheets. Specifications 3677/10, 29258/10, and 14684/12, [all in Class 100 (i), Feeding and delivering webs, etc.], are referred to.—388,913.

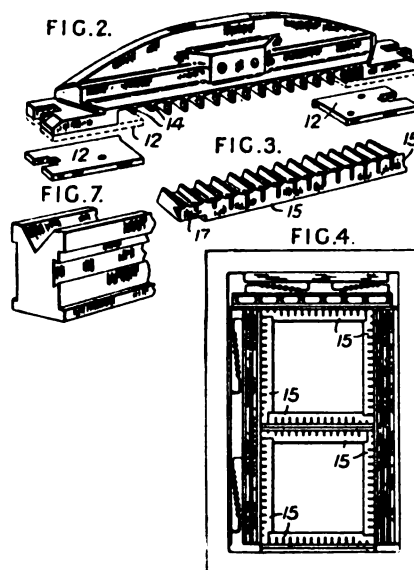
Stencilling Apparatus

A stencil for use in printing advertising-signs, names, decorative designs, etc., on glass, wood, metal, paper, etc., as patented by Mr. C. L. Mendoza, is made by impregnating tensioned silk or other fabric with wax, and melting the wax by means of a heated design-block, absorbent material, such as blotting-paper, being placed in contact with the fabric to absorb the melted wax. The stencil thus produced is held in contact with the glass, etc., and colour is applied by means of a spreader. Where multi-colour designs are to be printed, a separate block is prepared for each colour. The fabric may be stretched in a frame hinged to a platen adapted to support, in turn, the absorbent material and the article to be printed. The wax may consist of a mixture of ceresin, paraffin wax and ozokerite.—391,992.

Casting Printers' Furniture

Mr. B. M. Lanser has patented an invention that relates to printers' furniture of the kind consisting of strips 15, Fig. 3, having stepped or otherwise shaped end portions 17, so that the strips may be interlocked in rectangular form, as shown in Fig. 4. To enable such furniture to be cast in type-bar-making machines, one or both of the mould liners 12, Fig. 2, are arranged to project into the mould for a distance equal to the width of the furniture to be produced, so as to form a

step at one or both ends. The usual ribs 14 on the mould cap are partly cut away at the end of the mould, to allow the molten metal to enter the mould above the projecting portion of the liner. Furniture of lower



height is produced by means of a filler-piece, which is adapted to enter the front of the mould cavity, and is carried by a grooved block of the form shown in Fig. 7.—388,833.

PRINTING IN THE AIR.—A printing press, a telephone exchange, a cinema, a radio set and possibly television apparatus are to be installed in a giant new airplane now being completed in Russia. The Press attaché of the U.S.S.R. in London states that the airplane will be used for propaganda purposes on a vast scale. Literature will be dropped as the matter comes off the printing machines.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTOTONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTROPLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

Aniline Printing for High-Speed Production

By F. K. TREMAINE

(Canadian Industries Limited)^o

Until a few years ago, the greatest use of aniline dyes for printing was confined to rubber-stamp pad ink which was purely a manual proposition, but to-day the use of aniline colour has advanced, and is now becoming more and more associated with high-speed printing of many varieties such as paper bags, cartons, containers and some forms of advertising.

Mass Production

The development of aniline printing comes because of the demand for speed and mass production, and mankind in fostering such development takes rather a peculiar attitude toward the chemical manufacturer and particularly the aniline dye manufacturer. He invents a product and then asks the aniline dye manufacturer to make a dye for it.

For example, when rayon was first discovered, there were plenty of dyes that would colour this after a fashion, but new types had to be discovered by the chemical manufacturer to produce even results. When celanese was discovered there was hardly a dye in the three thousand varieties that would colour this man-made fibre, and a whole series had to be discovered, based on the chemical construction of the celanese. A machinery manufacturer invents a special type of printing machine and then asks the dye manufacturer to produce satisfactory colour for use in this machine, and the dye manufacturer does not have complete control of the situation, but has to work in conjunction with the rubber as well as the machinery man, in order to obtain a suitable printing product.

Stringent Demands

The printer's first demand is for a dye that will dissolve in a solvent that will evaporate quickly, and it is only natural that in the printer's contact with the aniline dye manufacturer he asks the question, "Will the colour dry rapidly?" The reply is mostly in the affirmative, and the printer is given a basic colour that can be dissolved in water or spirits, but the fact that this type of colour dissolves in water as well as spirits proves a handicap in some lines; that is, where it comes in contact with water after printing and marks off, so the dyestuff manufacturer corrects that deficiency by suggesting the addition of shellac to aniline colour printing paste and this temporarily corrects that condition. Later the customer demands a colour fast to hot waxing, which necessitates considerable research in the laboratories of the dye manufacturer and he produces colours that are fast to hot waxing, whereby the material may be printed first and waxed afterwards without bleeding of the colour in hot wax.

So the problems of producing various types of colours develop, but they all tend to lead to the producing of surprising results, which gives enthusiasm to a tremendous drive for further developments of aniline printing.

Rotary Printing from Rubber

The progress and place of aniline printing as it is to-day, representing much work of the past, is principally done from rubber stereotypes on the rotary type of machine. At the immediate time aniline printing machines are produced chiefly in Europe and are reported to operate at an average speed of from 25,000 to 40,000 impressions an hour, and in the case of glassine printing run at a speed of as high as 46,000. Of course such printing depends to a high degree on the type of paper used, but it is fair to say that aniline printing can be applied on any type of paper from kraft to coated papers.

When printed with the aniline colour, one is able to do two-processing. As many as two to five colours can be run very satisfactorily without setting-off. The use of such colours, their solvents, and the other materials that make up the printing paste, enables the elimination of extra drying, accords the opportunity for immediate packing, and the complete elimination of excessive handling. The high speed enables further processing which can be carried out immediately, and the prints which are resistant to bleeding in both water and wax, can be run directly into a waxing bath or directly to the bag-making machine.

Rapid Development

The European development in the field of aniline printing has been very rapid. It is particularly noted that in England great strides have been made in the mechanical field, while on the continent there has been an extraordinary display of colour work. One of the latest reports from England shows a standard letter-press machine used by a paper converter running at a speed of approximately 25,000 an hour. This is, of course, the ultimate goal in the field of spirit or aniline printing.

There is yet much work to be done, for while I do not want to parade under the banner of a machinery expert, I have noted that the present set-up of the orthodox ink fountain, with the many rolls for distributing the oil inks, would tend to discount the advantage of aniline colours as inks—the disadvantage being the quick evaporation of the solvents used with the aniline colours after reaching the impression stage—and you can readily see that this solvent would have evaporated on the separation rolls before it reached the paper. The problem is both a chemical and a mechanical one and should be the basis for much study in the future.

Reduced Costs

Perhaps one of the most interesting elements in this trend toward aniline printing, is based on the cost angle. The cost of engraving metal stereotypes is eliminated. Aniline printing in conjunction with metal

^o Based on an address given to the Toronto Club of Printing House Craftsmen, as reported in the "Canadian Printer."

stereos is very unsatisfactory as it is impossible to get proper impressions, and there is also the danger of certain solvents which might react on the metal. Therefore to enable satisfactory work, we must turn again to the mechanical and chiefly the rubber manufacturer, for together they must be able to supply satisfactory rubber stereos; and the production of such rubber plates has often raised the question of accuracy and it is perhaps the rubber man who could best answer this question. With the trend toward accuracy and the understanding of possible lower costs, which might be in the neighbourhood of 25 per cent. to 30 per cent. under that of the standard procedure of printing from oil inks, because of the elimination of excessive handling, etc., great results can probably be expected of aniline printing. The progress can only be determined from actual and practical experimentation.

The manufacturer of aniline dyes has no quarrel with the orthodox printing ink manufacturer. Like Cellophane and Rayon, he has been asked for help in producing aniline dyes suitable for rapid printing but the increased interest on the part of printers has already been accelerated in promoting action on the part of rubber stereo manufacturers and has also increased interest in the production of special machines by the printing machine manufacturers, so that future printing of such papers as bread wrappers, confectionery bags, glassine papers, wax papers, envelopes and cartons, and even with newsprint and magazine stock, efforts might be made to have such printing done by aniline colour inks. It behoves the printing ink manufacturers to be prepared to supply aniline colour inks when the large demand comes.

"The Prism" No. 2

With commendable promptitude Messrs. W. G. Briggs and Co., Ltd., have produced the second number of their admirable house organ "The Prism." This issue is mainly devoted to illustrations in the wood engraving style, and excellent they are too. An explanatory note says that they were engraved and cut in much the same way as engravings on boxwood, with the one exception that scraper-board was used instead of boxwood. This medium is cheaper, allows faster execution and a minimum of effort. The finished drawing is to all intents and purposes the same as a proof from the engraved wood. Line blocks are then made from the scraper-board engravings and printed in the usual way. There are in addition two portrait blocks (one of Mr. E. A. Briggs, general manager of the firm), and a composite of the firm's recent advertising in one hundred vertical line screen half-tone. The paper is Chamois Vellum, whilst text is set in Cochin. The make-up and lay-out are a distinct variation from the first number, the idea being to show the comprehensive nature of the service of the House of Briggs.

A VERDICT of "accidental death" was returned at an inquest into the death of Wilhelm Ferdinand Leibold (32), a German fitter, who was fatally injured while unpacking a lithograph machine at the works of Messrs. Upton, printers, of Birmingham.

Obituary

WE regret to announce that Mr. W. G. Rudkin, the representative director at the Leicester branch of Messrs. Wm. Allen and Co., Ltd., the Nottingham printers, passed away on the 31st ultimo, after a short illness.

MR. ROBERT BROWN, J.P., proprietor of the "Macclesfield Courier" since 1915, and part proprietor since 1885, died last week at the age of 82. A Scot by birth, Mr. Brown was the last survivor of those who founded the Association of Journalists, from which, over half a century ago, the present Incorporated Institute of Journalists was evolved.

MR. W. H. CROSS, who died on Sunday at Muswell Hill in his 81st year, was until recently a partner in the firm of Ridley and Co., Byward Street, E.C., proprietors of "Ridley's Wine and Spirit Trade Circular," one of the oldest trade papers in existence.

THE death occurred last week of Mr. J. W. Phillips, editor of the "Aberdeen Bon-Accord and Northern Pictorial," aged 61. He was also editor-in-chief of a group of publications owned by the Munro Press and its associated concerns.

THE death occurred last week of Mr. Robert Donn, who, when he retired four years ago, had been with the firm of John Leng and Co., Ltd., for fifty-six years. He was 82 years old, and had been for twenty-six years case-room manager with the firm.

"PIMPERNEL" SCARLET

THE SECRET
OF ITS REPUTATION IS
TO BE FOUND IN EVERY TIN

<i>Price per lb.</i>			
L'PRESS	3/6	PROCESS	4/6
LITHO	5/-	OFFSET	5/6

Made by

SHACKELL, EDWARDS & CO., LTD.

LONDON, E.C.4

Y.M.P. Summer School

Arrangements Nearly Complete

Arrangements for the Young Master Printers' summer school are nearing completion. The date of the four weeks' course has been fixed from July 16th to August 11th. The school will be held in a hostel connected with the Edinburgh University; and Mr. A. S. Calder, secretary of the Edinburgh Master Printers Association, will act as house-master. Sixty lectures have been arranged to be delivered in the mornings, while the afternoons will be devoted to works visits or recreation, and there will be "talks" on various subjects on certain evenings. Saturdays and Sundays will be free.

The fee will be £5 per week, including board, lodging, and lecture fees. For students living elsewhere than in the hostel the fees will be £3 for lectures only, including all discussions and outings.

The lectures will deal with the following subjects: Factory Management (thirteen lectures); Book-keeping, Costing, and Estimating (sixteen lectures); Economics, Accountancy, and Business Administration (twelve lectures); Industrial Law (three lectures); Salesmanship (five lectures); and Technical Subjects (nine lectures). In addition there will be two or three evening discussions led by prominent persons. The lecturers who are being approached are all men of acknowledged authority in the subjects they are to be asked to deal with.

Death of Mr. W. G. Griffiths

We regret to record the death of Mr. W. G. Griffiths, one of the leading draughtsmen employed by Messrs. R. Hoe and Co., Ltd., the printing machinery engineers. He died on Friday after an attack of pneumonia, at the age of 52.

He had been with Messrs. Hoe as a draughtsman for a period of thirty years, during which time, and particularly since the War, he had worked on designs of a large number of the printing presses built by the firm. During the War he was with the Royal Field Artillery, and later worked on munitions at Messrs. Hoe's. His period of service with the firm was one of the longest amongst the employees, and he was very popular with the head office staff and all who came in contact with him.

The funeral took place yesterday (Wednesday) at Hither Green Cemetery, when there were present representatives from the drawing office and all departments of the firm.

"AFTER the usual set-back of the Christmas vacation, business is again on the mend," says the "London Typographical Journal." "Parliament and the Law Courts will now make their contribution to the general up-lift. And off we go again in the race to improve upon the discouraging returns of 1932 and 1933. L.S.C. figures of unemployment are round about 200 less than in the corresponding period of 1933."

L.M.P.A. Annual Dinner

The annual dinner and dance of the London Master Printers Association has been fixed for Thursday, March 22nd. It will be held at the Hotel Victoria, Northumberland Avenue, W.C.2, and will be presided over by Lt.-Col. B. L. Hooper, the president of the Association. Lord Iliffe, C.B.E., will be the chief guest, and will propose the principal toast. Mr. Fred. Mason, the senior vice-president, will propose "The Guests," and Mr. B. Guy Harrison, the president of the British Federation of Master Printers, will reply. Dancing and a cabaret will follow. Miss Sturdy's Ladies Orchestra will play during dinner.

L.M.P.A. February Meetings

The following London Master Printers Association meetings will take place during February:—

Monday, 12.—North District—Mr. L. H. Burns will talk on "The Leaden Soldiers in Foreign Uniforms," at the Alpha Restaurant, Seven Sisters Road, Finsbury Park, N.4.

Tuesday, 13th.—South-East District—Dr. G. L. Riddell, A.I.C., will give an address on "The Research Association and How We Can Use It," at the Bridge House Restaurant, London Bridge.

Tuesday, 20th.—Central Districts—Annual dance-cabaret at Stationers' Hall.

Wednesday, 21st.—East and North-East District—Mr. J. Geddes will give an address on "The Place and Value of Earning Capacity in Plant for the Small Printer," at the Y.M.C.A. Restaurant, Woodgrange Road, Forest Gate, E.7.

Tuesday, 27th.—West and North-West District—Dr. G. H. Miles will lecture on "The Understanding of the Worker's Mind," at the Grafton Hotel, Tottenham Court Road, W.1.

City and Guilds Exams.

The Department of Technology of the City and Guilds of London Institute recently issued a report on its work during the past session, October, 1932, to September, 1933. From the tables we see that 471 candidates entered for the typography examination: 33 gained grade I passes; 22 first-class, and 8 second-class, grade II; 97 first-, and 145 second-class, final; and 25 full technological passes.

In lithography, of the 35 entrants 14 failed; 1 gained a first-class and 5 second-class, grade II; and 4 first-class and 11 second-class, final.

In bookbinding 22 entered for the forwarding section, of whom 6 gained first-class and 9 second-class, finals; while of the 3 entrants for the finishing section 1 gained first-class and 1 second-class, final.

In photo-engraving there were 21 entrants: 6 gained first-class, and 3 second-class, intermediates; and 2 first-class, finals.

Total entries for the technical examinations in Great Britain and from abroad continue to increase.

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 20s. 4½d., 20s. 3d., 6½ p.c. 1st pref. 24s. 6d., 24s. 7d., 8 p.c. pref. 24s. 1½d., 24s. 3d.; Amalgamated Press (10s.) 21s. 1½d., 20s. 10½d., 7 p.c. pref. 24s. 9d., 24s. 6d.; Argus Press Holdings 40s.; Associated Newspapers 27s. 3d., 28s., def. (5s.) 20s. 4½d., 20s. 1½d.; British Glues and Chemicals (4s.) 4s., 8 p.c. pref. 22s. 9d.; Buff Book 25s. 7½d., 25s. 3d.; Daily Mirror Newspapers 5 p.c. 1st deb. 106½, 106; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 104; Thos. De La Rue 16s. 3d.; J. Dickinson 46s. 1½d.; Financial News 5 p.c. pref. 15s. 9d.; Financial Newspaper Proprietors 6s. 1½d.; Financial Times 7s. 9d., 7 p.c. pref. 19s. 1½d., 19s.; Hutchinson and Co. 7 p.c. 1st pref. 16s. 10½d.; Hutchinson Printing Trust 7½ p.c. 1st pref 14s. 10½d., 15s. 3d.; Illustrated London News and Sketch (5s.) 2s., 4 p.c. 1st deb. 7s.; Illustrated Newspapers 6s. 7½d., 7s., 7 p.c. pref. 16s., 15s. 7½d.; International Linotype 24½; Kelly's Directories 7½ p.c. pref. 29s. 9d., 5 p.c. 1st deb. 106½, 105½; Lamson Paragon 23s. 6d., 5½ p.c. pref. 22s. 4½d., 10 p.c. pref. 30s. 3d., 3d.; Linotype and Machinery 4½ p.c. A deb. 93; London Express Newspaper 35s. 6d., 7 p.c. pref. 23s. 1½d., 23s. 3d.; Monotype Corporation 33s. 9d.; G. Newnes (10s.) 28s., 28s. 3d., 5 p.c. 1st pref. 21s. 1½d., 7 p.c. 2nd pref. (10s.) 13s. 6d.; Odhams Press (4s.) 8s. 11½d., 9s. 1½d., 6 p.c. pref. 23s., 6½ p.c. A pref. 24s., 6½ p.c. mt. deb. 102½; C. A. Pearson 5½ p.c. pref. 20s. 3d., 20s. 6d.; Portsmouth Newspapers 5 p.c. pref. 21s.; Sunday Pictorial Newspapers 8 p.c. pref. 23s. 3d.; R. Tuck 15s.; United Newspapers 7½ p.c. pref. 3s. 9d.; Waterlow and Sons defd. 18s., 4 p.c. pref. 18s. 4½d.; Weldons 6 p.c. pref. 21s.; Winterbottom Book Cloth 36s. 6d.; Wyman and Sons 6 p.c. pref. 9s. 3d., 9s.

Dividends and Reports

GEORGE OUTRAM & Co.—The profit of George Outram and Co. (proprietors of the "Glasgow Herald") for 1933 was £128,653, and with the amount brought in there is available £155,204. A sum of £25,000 goes to reserve, and £5,000 to staff pensions fund. Dividend of 15 per cent., less tax, for the year takes £98,575, and £26,629 is carried forward. The profit shows an increase of £6,029.

BENN BROTHERS.—Interim dividend of 5 per cent. on ordinary shares of these London newspaper proprietors and publishers (against 6½ per cent.).

LIVERPOOL DAILY POST.—Net profit of "Liverpool Daily Post and Echo" for 1933 was £251,291 (against £258,902). Final dividend on ordinary 3s., payable, less tax,

S P I C E R S LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

February 15th, making 25 per cent. (same). To writing down goodwill, copyrights, etc., £100,000 (£51,377); forward £13,526 (£47,234).

New Companies

HOPKINS AND BAILEY, LTD.—Capital £10,000 in £1 shares (8,900 ordinary, 100 7 per cent. cumulative participating preference and 1,000 6 per cent. cumulative preference); to acquire the business of a printer, designer, engraver and bookbinder carried on by H. H. Bailey, as Hopkins and Bailey at Summer Hill Street, Birmingham. Private company. Director: Herbert H. Bailey. Registered office: 38, Summer Hill Street, Birmingham.

J. W. ROBERTS AND SON, LTD.—Capital £4,000 in £1 shares (1,775 5 per cent. non-cumulative preference and 2,225 ordinary); to acquire the business of publishers, printers and stationers heretofore carried on by J. W. Roberts and Son, at Bridge Street, Slaithwaite, nr. Huddersfield. Private company. First directors: John W. Roberts (Lyndene, Slaithwaite, Yorks), and Clarence Roberts.

INDUSTRIAL JOURNALS, LTD.—Capital £3,500 in £1 shares; proprietors and publishers of newspapers, journals, magazines, books and other literary works and undertakings, etc. Private company. Subscribers: C. R. Churchill and H. Rich. Registered office: Bessemer House, 5/6, Duke Street, Adelphi, W.C.2.

HOUGHTON AND SCOTT-SNELL, LTD.—Capital £1,000 in £1 shares; publishers, printers, stationers, lithographers, etc. Private company. First directors: Alan L. Houghton (chairman) and Edward F. Scott-Snell. Registered office: Regent House, 235, Regent Street, W.1.

DORETON PUBLISHING Co., LTD.—Capital £500 in £1 shares; advertising contractors, printers, publishers and stationers, etc. Private company. First directors: James W. Ashton and John Doerr. Registered office: 567, Kingston Road, Raynes Park, S.W.20.

RADIO PUBLICITY (UNIVERSAL), LTD.—Capital £5,000 in £1 shares; radio publicity agents and experts, general advertising contractors, advertising and publicity consultants and specialists, etc. Private company. First directors: Jacques A. Gonat and Miss Helena M. Munday. Registered office: 55/6, Chancery Lane, W.C.2.

ALL BRITISH PUBLISHING AND PUBLICITY Co., LTD.—Capital £300 in 250 7 per cent. non-cumulative preference shares of £1 and 1,000 ordinary shares of 1s. each; proprietors and publishers of newspapers, journals, magazines, books and other literary works and undertakings, etc. Private company. First directors: Arthur

W. Board and Ernest W. Earl. Solicitors: Gwyn Davies and Co., King William Street House, E.C.

A. H. MASON AND Co., LTD.—Capital £5,000 in £1 shares; paper and cardboard mill agents, importers and merchants, etc. Private company. First directors: Mrs. Maud P. Mason and Howard R. Mason. Registered office: 6, Dowgate Hill, Cannon Street, E.C.4.

EROS STUDIOS, LTD.—Capital £315 in 300 10 per cent. cumulative preference shares of £1 each and 300 ordinary shares of 1s. each; to acquire the business of commercial artists carried on by W. V. Phillips and A. R. Whitear as "Eros Studios," at 5/6, Sherwood Street, Piccadilly, W. Private company. First directors: Harold J. Lloyd, Nevil Lloyd, William V. Phillips and Albert R. Whitear. Solicitors: Rehder and Higgs, 29, Mincing Lane, E.C.3.

WYNN SIMPSON (1934), LTD.—Capital £500 in £1 shares; to acquire the business of printers and facsimile letter printers and that of a secretarial, typewriting and employment agency, lately carried on by Labour Saving Devices, Ltd., at 124, Chancery Lane, W.C. Private company. Subscribers: Mrs. Isabella K. Sheldon and Norman Sheldon. Solicitors: G. H. Brinksworth, LL.B., 11, Gray's Inn Square, W.C.1.

Mortgages and Charges

STOREY EVANS AND Co., LTD. (printers, bookbinders, stationers, etc., Larkfield Road, Rawdon, nr. Leeds).—Further charge on Larkfield Works, Rawdon, Leeds, dated January 18th, 1934, to secure £1,500. Holders: Trustees of the National Equalised Druids Friendly Society, Register No. 4463 Yorkshire, 62, Meadow Lane, Leeds.

PETTIT AND LEWIN, LTD. (printers, bookbinders, stationers, etc., 35, Gray's Inn Road, W.C.1).—Particulars filed of debentures not exceeding £400, authorised January 18th, 1934, charged on the company's property, present and future, including uncalled capital, the amount of the present issue being £400.

WALLACE R. PRICE AND Co., LTD. (printers, etc., 234, Aston Road, Birmingham).—Particulars of £250 debentures, authorised by resolutions of September 14th and December 6th, 1933, charged on the company's undertaking and property, present and future, including uncalled capital, the amount of the present issue being £235.

LEAIS LLAUFUR Co., LTD. (newspaper proprietors, printers, etc., Ystalyferd).—Equitable mortgage on leasehold printing works with cinema over, known as "The Coliseum," Gurnos Road, Ystalyferd, Glam., dated January 15th, 1934, to secure all moneys due or to become due from the company to the Midland Bank, Ltd.

Comps

LTD.

LINOTYPERS
TO THE TRADE

LET US
QUOTE

The extra efficiency we are able to give you, an **ever-ready DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something.

And our price, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade**.

Some of our type faces:

14pt. Cheltenham Wide with Cheltenham Bold.

12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).

12pt. Kennerley and Italic.

12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.

12pt. Modern with Doric and Italic.

11pt. Scotch and Italic.

10pt. and 8pt. Cheltenham Wide and Italic.

10pt. and 8pt. Book-print and Cloister Bold.

10pt. and 8pt. Garamond and Italic.

10pt. Modern and Italic.

10pt., 8pt. and 6pt. Old Styles with Doric and Italic.

9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

15 Kirby Street
Hatton Garden
E.C.1

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

Increases of Capital

FINANCIAL NEWS, LTD. (20, Bishopsgate, E.C.2).—The nominal capital has been increased by the addition of £75,000 beyond the registered capital of £275,000. The additional capital is divided into 750,000 ordinary shares of 2s. each. Each of the 50,000 issued and fully paid ordinary shares of £1 has been subdivided into ten ordinary shares of 2s.

YENDALL AND Co., LTD. (printers, etc., Station Approach, Risca, Mon.).—The nominal capital has been increased by the addition of £2,500 beyond the registered capital of £10,000. The additional capital is divided into 2,500 6½ per cent. preference shares of £1 each.

NORTHGATE PRESS (EXETER), LTD. (9a, North Street, Exeter).—The nominal capital has been increased by the addition of £200 in £1 ordinary shares beyond the registered capital of £300.

CHELSEA STUDIOS, LTD. (press advertisement designers, etc., 45, Bedford Row, W.C.1).—The nominal capital has been increased by the addition of £1,500 in £1 ordinary shares beyond the registered capital of £1,000.

Receivers Appointed or Released

STRINGERTYPE MANUFACTURING Co., LTD. (44 and 46, Leadenhall Street, E.C.).—H. Turton, of 44, Leadenhall Street, E.C., ceased to act as receiver on January 19th, 1934.

SCHOLASTIC SUPPLY ASSOCIATION, LTD. (Crown Chambers, Parliament Street, Nottingham).—T. W. Pell, C.A., of Bentinck Buildings, Wheeler Gate, Nottingham, was appointed receiver and manager on January 17th, 1934, under powers contained in instrument dated September 27th, 1933.

TENDERS

BOROUGH OF WILLESDEN

TENDERS FOR PRINTING AND STATIONERY

TENDERS are invited for the printing of the Council's Agenda, Committee Reports and Minutes, and certain stock forms for all Departments, including the Education Committee, for the THREE YEARS ENDING MARCH 31st, 1937.

Tender forms can be obtained and samples inspected at the undermentioned address between the hours of 10 a.m. and 4 p.m. (Saturdays 10 a.m. to 12 noon). Tenders must be delivered to the undersigned not later than 4 p.m. on Tuesday, March 6th, 1934, endorsed "Printing and Stationery." The Corporation reserves to itself the right to accept the whole or part of any tender and need not necessarily accept the lowest or any tender.

E. A. PRATT, Town Clerk.
Town Clerk's Department,
Town Hall, Dyne Road, Kilburn, N.W.6.
February 9th, 1934.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

AUTOMATIC FEEDER, 33in. x 22½in., two pumps, back blast, well-known make. Reasonable offer taken.—Apply Box 16167.

CROWN FOLIO "Victoria" Fine Art PLATEN Machine. Rebuilt. Can be seen in City.—Box 16162.

DUPLEX Cardboard Box Stitcher for Ribbon Wire, 20in. Arm, practically new. Particulars from—Box 16168.

GUILLOTINE.—42in. Crosland Self-Clamp, two knives; also Quad Demy Two-colour Offset Machine by Crabtree.—Box 16161.

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

MODEL "X" INTERTYPE, completely equipped as new. Write for full particulars to Box 16165.

QUAD DEMY Wharfedale, flyers, geared inkers, disers, etc., in good condition. Also Double Demy "Summit" Fine Art Machine.—Box 16159.

RULING MACHINE for disposal; Double Striker, perfect condition. Can be seen running.—Box 16160.

TYPOGRAPH, Model "B" for sale, in splendid order. Price and full particulars of where to be viewed, etc.—Box 16166.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hard-wearing RISCATYPE. 15732

**THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.**

PHONE
GERRARD 3664 (4 LINES)
The
WEST END
ENGRAVING
COMPANY LTD
17, ST. ANNE'S CT.
WARDOUR ST. W1

WANTED

SITUATIONS VACANT

HERIOT-WATT COLLEGE, EDINBURGH
DEPARTMENT OF PRINTING

THE Governors invite applications from persons with suitable education, technical training, and teaching and practical experience in the Printing Industry for the post of Head of the Department of Printing in the College. An all-round acquaintance with printing processes is essential, and in particular a comprehensive knowledge of types and typography. Day and Evening courses of study are conducted in the Department. Salary £600 by annual increments of £25 to £750 (at present subject to deduction of 7½ per cent.). Particulars may be obtained from the Principal at the College, with whom applications must be lodged by Monday, March 5th, 1934.
J. Cameron Smail, O.B.E., Principal.

PRINTING AND LITHOGRAPHY.—We have a vacancy for a well-educated experienced man as a REPRESENTATIVE in London area or Eastern Midlands. Excellent prospects.—Apply stating age and salary required to Secretary, W. S. Cowell, Ltd., Butter Market, Ipswich. 16154

SITUATIONS WANTED

AS IMPROVER, 9 years' experience. Wharves, etc., seeks experience on Two-Revolutions.—Box 16157.

BINDER seeks change. Account, Publishers', Misc., or Cutter. Young, N.S.—B., c/o Mrs. White, 94, Shakespeare Road, Herne Hill, S.E.24. 16151

COMP, display, job., make-up, advt.,—9, Evelina Road, Nunhead, S.E. 16125

COMP., N.S., experienced, Modern Display, Commercial, Jobbing, Poster, etc.; highest refs.—Write Box 16152.

FEMALE, 14 years' experience, seeks situation, Folding, Wire-stitching, and Wrapping.—Box 16146.

LINOTYPE-INTERTYPE OPERATOR requires sit., young, clean, and good mechanical knowledge (N.S.).—A. H., 22, Vespan Road, Shepherds Bush, W.12. 16164

MACHINE Ruler, Double Striker, experienced, age 26.—Hine, 29, Priory Road, Tonbridge, Kent. 16145

MINDER seeks situation. Wharves, Babcock, Miehle; all commercial work; age 30, single.—P. E. C., 117, Lebanon Road, East Croydon. 16158

FOR SALE AND WANTED

WANTED

SITUATIONS WANTED—continued

MINDER seeks situation. Two-revolutions and Wharfedale. —R., 18, Grenfell Road, Mitcham, Surrey. 16156

PLATEN or Wharfedale. MINDER seeks sit.—41, Northcote Road, Walthamstow, E.17. 16144

REPRESENTATIVE with sound connection commanding Letterpress Catalogues, Brochures, etc., Litho Posters, Labels, Cut-outs, Folding Boxes, etc., wants post with large progressive house.—Box 16153.

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

YOUTH, five years' experience single and two-colour Wharfedale machines, seeks change.—E. Croxford, 18, Howard Road, London, N.16. 16124

YOUNG BINDER, Stationery Letterpress; highest refs.; keen, reliable.—Veitch, 28, Longport Street, Canterbury. 16150

WHITE Paper Warehouseman seeks sit.—G. Sheridan, 15, Nelson Avenue, Tonbridge. 16163

AGENCY

SOUTH AFRICA.—A well known South African Company with parent house in London, and whose business is chiefly that of wholesale distributors is open to consider further selling and stocking agencies. The Company has its own large and central freehold premises in Cape Town and selling arrangements through its own staff in Johannesburg and Durban. Reply to Agency Box 140, c/o Dawson's Advertising Service, 129, Cannon Street, London, E.C.4. 16086

MACHINERY

FOOLSCAP F. CYLINDER, Treadle. Give specification and cash price.—Box 16149.

WANTED to purchase, small Paper Embossing Machine. Full particulars with width of Roller to—Box 16155.

INSERT
YOUR
ADVERT.

IN
THIS
WEEKLY
SALES
SERVICE
COST
6d.

PER LINE

MINIMUM

2 LINES

BOX No.

SIXPENCE

EXTRA

MISCELLANEOUS

ADVERTISER wants to purchase Waste Papers in Press-packed Bales, Strawboard Waste, Printers' Shavings, etc., etc., anywhere. State quantities available to Box 16147.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS

Merchandise Marks

The National Union of Manufacturers has addressed to all manufacturers' trade associations and to its members, a questionnaire inviting their views as to the desirability of reversing the operation of the Merchandise Marks Act. The Board of Trade, with whom the Union has been in communication regarding the matter, is desirous of knowing how much demand for this change in the law there is amongst United Kingdom manufacturers. The view of the Union is that all foreign goods on importation into this country should be marked unless a sufficiently strong case for exemption, to the satisfaction of a statutory committee, can be made out by the importer. The present measure, enabling any industry which can make out a case to the satisfaction of a statutory committee, to obtain an order to the effect that a particular class of goods imported into this country must bear an indication of origin on importation or sale, or both, was no doubt the best that could be obtained for industry in the circumstances which obtained in 1926. Now the Union feels that there is no longer any good reason why the onus of procuring Orders in Council, with all the expense and trouble and delay which the process involves, should remain on the shoulders of the home manufacturer. Manufacturers are asked in the questionnaire for their views, should the change in the law be made, as to marking the goods merely as foreign or indicating the country of origin.

A. M. PEEBLES AND SON (1927), LTD., send us a sample of their latest speciality, a spray finish printing, which is specially produced for catalogue and magazine work.

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes


**143, Fleet Street
LONDON, E.C.4**

BLOCKMAKERS

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm

G. H. MADDIN & CO. Ltd
Engravers & Die Sinks
Cameo Printing Dies & Embossing Blocks
of every description for High Class & Distinctive Work
ORIGINAL DESIGNS & SKETCHES

Telephone
"METALWORKS LONDON"
Telegrams
STUD NATIONAL
10 & 11 MIDDLE ST. ALDERSGATE ST. LONDON, E.C.1.



ENGRAVERS

FOR GOOD SERVICE

MARSHALL

ENGRAVING CO. LD. CENTRAL 4626
12 & 14 FARRINGDON AVE. E.C. 4 LINES

ARTISTS

PHOTOGRAPHERS
PHOTO ENGRAVERS

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHY -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2
H.E.W. JOHNSON LTD
METANA HOUSE, HIND COURT, FLEET ST. LONDON E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

"Chronicle" House, 72-78, Fleet St.
London, E.C.4

Telephone: Central 6678

Telegrams: "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

CONTRACTORS FOR OVER SIXTY YEARS TO H.M. PRINTING OFFICES,
HON. BOARD OF INLAND REVENUE AND THE PRINTING TRADE GENERALLY



Registered Trade Mark

Established 1868

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
An extensive and up-to-date Plant enables all orders to be dealt with promptly.

Compositions

for Home & Export in grades to suit all requirements. None but the finest and MOST SUITABLE materials are used. Look for the Trade Mark, as above, on every slab. Obtainable through all Importing Houses.

"THE DURABLE" PRINTERS' ROLLER CO., LTD.

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

Z
119
1386

PROCESS BUY  **BRITISH COPPER**

PHOTOGRAPHICAL ROOM
LIBRARY
MITCH.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 277

LONDON: February 15, 1934

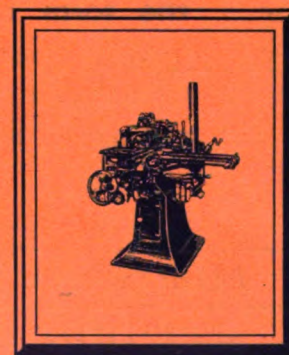
EVERY THURSDAY
PRICE THREEPENCE

REGISTERED MONOTYPE TRADE MARK



Widest-range Keyboard
"Typewriter" Keybanks
Unlimited Tapping Speed
Easiest Tabular Work

**Please ring
Central 9224
and ask for
a practical
demonstration**



Unlimited Versatility
Measure to 60 ems pica
Single Type Correction
A Typefoundry, too!

**The Monotype Corporation Limited, 43 Fetter Lane
LONDON, E.C.4**

ALL-BRITISH

2/3rds OF BRITAIN'S PRINTING METAL IS FRY'S METAL

SPRING

IS COMING . . .

AND WITH IT THE
SPRING NUMBER OF
PAPER & PRINT
LOOK OUT FOR THE
ATTRACTIVELY PRINTED
GREEN COVER

If you are not already a subscriber fill in the form below and make certain of getting your copy. Paper & Print is in universal demand and all previous issues are out of print.

**PUBLISHED QUARTERLY: THE ANNUAL SUB-
SCRIPTION IS FIVE SHILLINGS, POSTAGE INCLUDED**

Please send me (us) "Paper and Print" each quarter till countermanded.

Name

Address

"Paper & Print," 58 Shoe Lane, London, E.C.4.



BIF

PAPER, ENVELOPES & MANUFACTURED STATIONERY

ALL THE PRODUCTS WITH WHICH
YOU ARE FAMILIAR WILL BE ON VIEW
INCLUDING

Latest Values and Latest Designs

WE SPECIALLY INVITE YOU TO COME TO THE B.I.F.
THIS YEAR TO SEE WHAT THE HOUSE OF DICKINSON
HAS ACCOMPLISHED IN THE ESTABLISHMENT OF
ENTIRELY NEW TRADE—

Especially

PACKING SUPPLIES

FOILS

HOUSEHOLD STATIONERY

OFFICE EQUIPMENT

—ALL ARE AT THE SERVICE OF THE PRINTER AND
STATIONER FOR THE DEVELOPMENT OF NEW
BUSINESS

JOHN DICKINSON & CO. LTD.



CROXLEY · APSLEY · NASH &
HOME PARK MILLS · Herts.



THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 277

LONDON: February 15, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THERE is general agreement among printers that with the end of the first month of the year there came a lull in trade.

Uncertainty and Trade

It may be that a little extra uncertainty is reflected from the international situation. We cannot have suspense in our trading relationships with America, France, Japan and Russia without feeling the effect of it. All said and done, the amount of printing there is to do is measured by the general flow of trade and the steadiness of money. In short, confidence in conditions governs the volume of publicity, and in turn the volume of publicity controls the amount of business stationery to some extent. If the money flows freely there is a greater amplitude of commercial work. Put a small damper on the confidence of business men, and immediately there is less investment in paper and print. There is every hope that the slight setback now being experienced is just a temporary one, and that the improvement ushered in with the first weeks of the year will shortly be continued and well maintained.

Taxing Book Headbands

FURTHER to the note we made on the taxation of imported books containing silk in their headbands, we have now the additional

instance of volumes that had specially and urgently been ordered from abroad, arriving in good time only to be held up by the import authorities for examination. The weighty matter to be settled was the presence of silk in the headband—how much, and just to be certain there was silk as apart from cotton. If silk strands were found, then at the most its value would be a fraction of a farthing. The hold-up and delay were fatal to the firm for whom the books were intended, because their delivery to time was vital. Thus the stupidities that come with tariffs. The long fight to get imports taxed is short compared with the fights that will for ever surround the problems of avoidance and furtherance. Outside

of the self-concern of closely interested partisans, there seems to be a good opening for a "Common-Sense Committee" of about three people with power to say yes or no over the inquiry table. But then, of course, there is an army of officials—the special contribution of tariffs toward a solution of the unemployment problem.

Old Newspapers and New

A SHORT time ago we took a cutting from a newspaper relating to the history of early English newspapers in which it was claimed that a local collector had a copy of an earlier publication than any in the possession of the British Museum. We

ON OTHER PAGES

	PAGE
Personalia	154
British Industries Fair—	
Printing and Allied Trades Exhibits ...	156
Printers' Sports—	
Col. Sheldon Presides Over Annual Dinner	158
P.I.R.A. Annual Meeting—	
Lord Biddell Calls for Support	160
Hand Bookbinding Film—	
General Release	162
A Young Binder's Plaint—	
Open Letter to Executives	163
Binders' Overseers Association—	
Progress Indicated at Annual Meeting ...	164
Adhesives—	
As Used by Bookbinders, etc.	166
Trade Notes	169
Printers' Managers and Overseers—	
National Council Meets, etc.	170
Stereo Overseers and Managers—	
Address by Mr. J. Black	172
Illustrated Newspapers, Ltd.	172
N. London Master Printers	173
Commercial Review	174

have not had an opportunity to verify this, but we little doubt that within the keeping of our national institution there are several copies of the journal in question, "The English Mercurie." This was the forerunner of all our modern newspapers, and it was published at the instigation of Queen Elizabeth on July 23rd, 1588, for the express purpose of publishing real information and preventing the danger of false reports at a moment of national crisis. The first number contains advices from Sir Francis Walsingham that the Spanish Armada was seen in the chops of the Channel making for the entrance in a favourable gale. Follows an account of the

enemy's numbers and Her Majesty's ships, the truth and frank simplicity of which makes the sharpest conceivable contrast to twentieth century news practice. The one thing that some modern newspapers have retained from the old is the blackletter or old English title. Even this is going in the urge for change. The one thing that the modern newspapers have most obviously lost in comparison against those of earlier days is legible readability. With all the advantages at their command morning and evening papers have signally failed to preserve reading comfort except in the leaders and some of the ads.

PERSONALIA

Mr. Harold Macmillan, M.P. for Stockton-on-Tees, who has accepted the office of president of the Institute of Industrial Administration for 1934, is a director of the Monotype Corporation, Ltd.

Mr. B. Guy Harrison, president of the Federation of Master Printers, was a guest at the annual dinner of the National Association of Paper Merchants, held last week at the Royal Automobile Club. He responded to the toast of "The Guests."

Councillor C. B. Adams, Mayor of West Bromwich, in company with his Councillors, paid a civic visit to the factories and offices of Kenrick and Jefferson, Ltd., where the party, numbering about sixty was received by the chairman and managing director, Mr. Fred Jefferson, and his joint managing director, Mr. Edward Jefferson. Breaking up into parties, the visitors were conducted around the extensive and varied printing plant.

Mr. J. Geddes will take as his subject "The Place and Value of Earning Capacity in Plant for the Smaller Printer" when he addresses the E. & N.-E. London Master Printers at the Y.M.C.A. Restaurant, Forest Gate, E.7, on Wednesday next week.

Mr. George E. Dibdin has been appointed manager of the "South Wales Argus" in succession to Mr. Charles H. Adams, who has retired after forty years' service.

Mr. J. Reginald Barker, general manager of the "Northampton Chronicle and Echo," has been elected president of the Northampton Chamber of Trade.

Mr. T. D. Hawkins, L.M.P.A. organiser, has, we are glad to state, fully recovered after his recent operation, and has resumed his duties at L.M.P.A. headquarters.

Mr. Robert H. Lean has been elected president of the Glasgow branch of the Scottish Typographical Association.

Mr. A. Thomson, of the composing-room staff of Messrs. G. & W. Fraser, Aberdeen, has received presentations on his retirement after fifty-six years' service.

Mr. John MacLaughlin, of the staff of the "North-Eastern Daily Gazette," has been presented with a wallet of Treasury notes on his retirement after forty-three years' service.

USE MORE BLOCKS

MAKE THE MOST EFFECTIVE AND PROFITABLE
USE OF YOUR ADVERTISING OUTLAY

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS.



BIF

**OPENING
DATE
Feb. 19th.**

The British Industries Fair came into being in 1915. To-day it is regarded as the premier National Trade Fair in the world. Manufacturers throughout the Empire recognise the Fair as the finest "market-place" for selling Empire Goods.

It is at the British Industries Fair that manufacturers seize the opportunity to place on the market their new lines and their novelties for the new season. Nowhere else can be seen so comprehensive and so compact a display of Empire Products.

Trade buyers of STATIONERY will be able to satisfy all their requirements in the STATIONERY AND STATIONERY SUNDRIES SECTION at OLYMPIA, LONDON.

Do not fail to visit the Fair. Make your arrangements to-day.

TRAVEL FACILITIES: *Special travel facilities are granted by U.K. and European Railways to visitors to the B.I.F.*

BRITISH INDUSTRIES FAIR



**LONDON: Olympia & White City
BIRMINGHAM: Castle Bromwich
February 19th—March 2nd**

**STATIONERY
OLYMPIA, LONDON**

Particulars and invitation cards on request from The Department of Overseas Trade, 35 Old Queen Street, London, S.W.1, or from The Chamber of Commerce, 95 New Street, Birmingham.

BRITISH INDUSTRIES FAIR

The Printing and Allied Trades Exhibits

The nineteenth annual British Industries Fair opens on Monday at Olympia and White City, London, and at Castle Bromwich, Birmingham. The Fair will be of record proportions.

Generally speaking, the most direct way to Olympia or the White City from any part of London is by tube. On the ground floor of the Grand Hall, Olympia, will be found the extensive section devoted to printing machinery, paper, printing, publishing, stationery and office appliances. Printers visiting the Fair will find it most convenient to make for the Empire Hall, entering by the main Hammersmith Road entrance. The Hall itself is devoted to pottery and glassware, and one passes straight through this section to get to the printing and stationery section, which occupies the back left-hand corner of the ground floor.

Linotype and Machinery, Ltd.

The attention of every printer-visitor to the Fair will be attracted to Stand B4, where the well-known L. & M. trade-mark will be prominently displayed. At this stand there will be an up-to-the-minute showing of Michles and Linotypes. Messrs. Linotype and Machinery, Ltd., will also provide their visitors with the opportunity of seeing the actual cutting of Linotype matrix punches from 5 point up to the large display faces.

Camco (Machinery) Ltd.

Featured on the stands of Messrs. Camco (Machinery) Ltd. (B23 and 26), will be new models of folding machines, a new type of baling press and a new automatic feeder, all exhibited for the first time. The machines will include an "S.C." book and magazine folder, a "Camco-Rosback" automatic-feed wire stitcher, and a "Camco-Rosback" Rotary Round-Hole Perforator, on all of which there will be seen improvements and additions; these, it is claimed, do not in any way make the machines more complicated. Also there will be a model of the "Henderson" guillotine guard.

Wm. Crosland Ltd.

The main exhibits on the Stand B2, that of Messrs. Crosland Ltd., printing machinery engineers, of Bredbury, nr. Stockport, will be models of their clutch-type cutting and creasing presses, and self-clamp guillotines, fitted with guards. The new cutting and creasing machine is a compactly-built production suitable for cartons, calendars, folding boxes, showcards, etc., and special attention has been paid to the safety of the operator. The "Advance" self-clamp guillotine will, no doubt, attract attention from the fact that it is fitted with a safety guard, which has been approved by the Federation of Master Printers and the Home Office.

Cundall Folding Machine Co.

A wide range of folding machines will be seen working on the Cundall Folding Machine Co.'s stand (B5). Special interest will be created by the new type of book-folding machine, which will be on view for the first time. This is claimed to be the first folder fitted

with ball bearings for all rotary motions. It is easy running, and requires little attention to keep in working condition.

Dawson, Payne and Elliott, Ltd.

At stand B6 will be seen the attractive machinery display of Messrs. Dawson, Payne and Elliott, Ltd. The machines on view will include a model of the new high-speed "Meteor" press. This machine has been sturdily constructed to perform quality work at high speed, and is reasonably priced. There will be a four-colour tube printing machine, which is one of a series of machines designed for the metal decorating and allied trades.

John Jardine Ltd.

Numerous models of their platen printing machines will be featured on the stand (A81) of Messrs. John Jardine, Ltd. Hand, treadle and power machines will be seen working daily. There will be five power platens of different sizes, and one hand platen. This firm also deal in guillotines and accessories therefor.

Lorilleux and Bolton, Ltd.

These London ink-makers have arranged an instructive exhibit to display recent progress in printing ink manufacture. Printed specimens by various processes will show standard inks used in a way to obtain the best effects. Prominence will be given to the firm's Superset Black and to special inks which enable the printer to meet present-day demands: such as inks for printing on transparent papers or metal foils, inks for printing seals and for embossing, metallic photo-gravure inks, double-tone offset inks, and so on. It will be demonstrated at this stand that the up-to-date ink-maker is a most valuable ally to the progressive printer.

John Kidd and Co., Ltd.

A fine range of printing specimens will brighten the stand (B27) of this well-known firm of printing ink makers. There will be samples produced by various processes, all exemplifying inks made by John Kidd and Co. Also to be seen will be the various other printers' requisites that the firm handle—including resilient roller composition, lithographic and letterpress varnishes. Messrs. Kidd's inks are adaptable for every climatic condition, and they pay special attention to export packing.

John Dickinson and Co., Ltd.

The large and varied selection of the papers and paper products which the Dickinson organisation manufacture will be handsomely displayed on the largest exhibit in the paper and stationery section, occupying two stands, B58 and 61. Outstanding in the exhibit is a resplendent showing of the firm's foil papers now made at the Home Park Mills. Another special exhibit will show the fine results to be obtained by the new Dickinson "Photoprint" process of advertising on envelopes. Printers' cards, envelopes, commercial and private stationery, gummed tape, labels and papers and boards of every kind for the printer are included in an impressive exhibit.

(Concluded on page 159)

PRINTING INK

AT THE B.I.F.

**PRINTING MACHINE SECTION
GRAND HALL STAND B. 83**

“SUPERSET” BLACK for letterpress printing solves machine room problems, providing for quick handling and elimination of set-off.

Rotogravure and offset in colour and monochrome.

New effects in letterpress to imitate photogravure. Metallic Inks

HIGH GRADE VARNISHES

LORILLEUX & BOLTON

LTD

ECLIPSE WORKS, TOTTENHAM HALE, N.17

CITY AND REGISTERED OFFICE :



31-34 CURSITOR STREET, E.C.4

PRINTERS' SPORTS

Col. Sheldon Presides Over Successful Annual Dinner

Some fine work continues to be done by the Printing and Allied Trades Charity Sports Association, whose annual dinner was held on Saturday at the Connaught Rooms under the chairmanship of Lieut.-Col. C. D. Sheldon, D.S.O. (president). Although the speeches



Col. C. D. SHELDON

were few in number and brief at that, they bore ample evidence of the activity of this organisation in the interests of real sport, as well as in support of the various trade charities. What is becoming abundantly clear is the greater interest being shown by paper mills in recent years in the work of the Association, and also the success which the representatives of this section of the industry are securing in the various competitions held from time to time. Col. Sheldon was supported by, amongst others, Messrs. J. Griffiths, Stanley Perkin, R. B. Simpson, M. J. Odell (general secretary and president respectively of the Printers' Managers and Overseers Association), Alfred Sargent, Dr. Dundas Irvine, Dr. Ord, Miss Eva Tanner, and Messrs. Frank Langan, G. V. Maddams, H. O. Turner (hon. general secretary), W. H. Marshall, H. Wilson Howes, P. M. Parish, W. G. Thompson, W. Fricker, W. C. Jewell, A. J. C. Pescud, G. W. Knight, A. Shepherd, W. C. Warren, T. Middleton, E. A. Mullins, and J. Knight (chairman of the committee of the Association).

The loyal toast having been duly honoured, Col. Sheldon (president), in briefly submitting the toast of "The Association" in a happily phrased speech, said that the chairman of the company with which he was identified (Mr. Ralph Reed) had been their president

about four years ago, and the only reason he could see that they had selected another from the same company to act as president was because of the great interest which the Association took in sport. He hoped they would not think he was bragging when he said they (the paper mills) were proud of the successes they had secured at the annual sports gathering at Herne Hill, and the cross-country running.

Mr. H. O. Turner, in responding, referred to the great work the Association had done during its thirty-eight years of existence. He said that amongst other things it had raised large sums of money for the Printers' Pension Corporation and other printing trade charities. Whilst he urged the importance of young men coming forward to carry on the work of the Association, he would not like to omit reference to the fact that they had present with them two founder-members of the Association—Messrs. Jack Knight and Wm. Fricker. This year they hoped their balance-sheet would show a surplus, and that they would be able to make further grants to various trade charities.

The Visitors Welcomed

Mr. P. M. Parish, in proposing "The Visitors," said they welcomed their visitors most heartily, because they all knew how they were indebted to them for support. They of the Association wanted not only the financial assistance of the visitors, but their presence at the various sports meetings. Their activities covered the annual sports gathering at Herne Hill, the cross-country running championship, football, swimming, boxing, and miniature rifle shooting, and in each of these branches of sport they could do with a little more help. Amongst the visitors mentioned were Miss Eva Tanner, Mr. Walter Warren, Mr. Middleton, Dr. Irvine and Dr. Ord; and welcome was expressed to several guests invited by the chairman himself. The speaker mentioned the presence also of Mr. Simpson, their president of last year, who had with him several provincial representatives of the Printers' Managers and Overseers Association. To these provincial friends Mr. Parish said that he hoped they would carry away with them something of the work of the Association, and in course of time be the means of sending competitors and teams to the different sports meetings.

Miss Tanner, in reply, remarked on the growth of the Association during the last thirty-eight years. Their difficulties, she said, had grown too, and because of that the Association deserved all possible support.

Mr. Odell (president, P.M. & O.A.), who also responded, said his Association had representatives present from Birmingham, Leicester, Edinburgh, Yorkshire and Liverpool, and these gentlemen had spent a very happy evening.

Col. Sheldon's Support

In proposing the health of the chairman, Mr. R. B. Simpson spoke of Col. Sheldon as being an extremely busy man, but said he should be congratulated on the

fact that he was able to give so much time in the interests of healthy sport. Last year he (Mr. Simpson) with Mr. Sargent and Mr. Fricker went to Aylesford to witness the annual sports of Messrs. A. E. Reed and Co., Ltd., and a very fine afternoon they spent. Their chairman on that occasion was one of the chief organisers of the sports, and he (Mr. Simpson)

believed there were many young men and women at Aylesford who owed a lot to Col. Sheldon for encouraging them to engage in healthy sport. Their chairman was doing a great work, he concluded.

The toast was received with musical honours, Col. Sheldon briefly replying.

(Continued from page 156)

BRITISH INDUSTRIES FAIR

Yendall and Co., Ltd.

At the stand (B3) of Messrs. Yendall and Co., Ltd., "Riscatype" will be well displayed, the claim being made that a new method of typesetting eliminates laborious handwork and enables the product to be sold at reduced prices. The present exhibit will show printers' metal type from 6 point to 72 point, also single borders, strip borders, and metal rule. A large range of type-faces are available in Riscatype, and there will be a comprehensive supply of printed specimens detailing the faces available and the service offered. The 150-page "Riscatype" catalogue will be of special interest to printers.

Samuel Jones and Co., Ltd.

These paper-makers have a well arranged stand (B7) on which is displayed the widely-known "Butterfly" brand stationery products, also the firm's gummed tape sealing machines. There will be numerous other specimens of the wide range of Samuel Jones' products

for stationers, while printers will find the stand of much interest in view of the firm's progressive use of printed specimens and new ideas in printed salesmanship being always valuable. Samuel Jones are particularly interested in meeting printers' requirements, and they make a special feature of their gummed-label service—the labels being made from their non-curling gummed paper.

John Harrap and Son

Stationers' sundries will be displayed on Stand B28, where Messrs. John Harrap and Son are exhibiting their products. These include picture prints for various purposes, such as calendars and box-tops, picture frames, and various accessories for photographers. The firm are specialists as wholesale frame manufacturers and picture producers.

George Salter and Co., Ltd.

A stand at the Birmingham section of the Fair which will be of interest to printers and stationers is that of George Salter and Co., Ltd., the specialists in balances and weighing machines for all purposes. This year there will be shown a large number of new models, including letter, parcel and railway balances.

We hope to see you at

Do not miss the opportunity of learning what is latest and best in ink manufacture. Visit our Stand, and let us show you specimens of work done with our inks, and explain the latest developments achieved in our laboratories. If you are interested in Printing Progress you must call at Stand B27.

JOHN KIDD & Co. Ltd

10/11, WINE OFFICE COURT
FLEET ST., LONDON, E.C.4

OLYMPIA STAND No. B27



P.I.R.A. ANNUAL MEETING

LORD RIDDELL CALLS FOR SUPPORT

The printing and allied industries were all represented at the annual meeting on Monday of the Printing Industry Research Association, which was held at St. Bride Institute, E.C.4. Lord Riddell presided and put the business of the meeting through with celerity. He was supported by Brig.-Gen. W. F. Mildren, chairman of the Council; Mr. W. L. Bemrose, vice-chairman of the Council; Sir Thomas W. McAra, hon. treasurer; Mr. B. Guy Harrison, president of the British Federation of Master Printers; Dr. G. L. Riddell, technical director of the P.I.R.A., and Miss D. P. Hewett, secretary.

The report and balance sheet being taken as read and the minutes of the last meeting being taken as confirmed, Lord Riddell moved the adoption of the report and balance sheet. They had had a busy and successful year, his Lordship said, having answered no fewer than 300 queries. Those answers had involved a great deal of laboratory work and in many cases research, and the Association was much indebted to Dr. Riddell for what he had done during the year. He had been most assiduous in the performance of his duties and he (Lord Riddell) was assured by all who had occasion to seek his (Dr. Riddell's) advice that he showed great energy and courtesy. The Association had also been engaged on questions of general research which were of importance and interest to all branches of the trade.

He wished to refer to the most admirable services rendered by their chairman, and vice-chairman, and Mr. Guy Harrison.

Financial Support Needed

He was reminded, if reminder were necessary, that the question of finance was one of great importance. While he would express thanks for the contributions which had been made, he would emphasise the importance of wider support. Wise research was absolutely necessary for a trade like theirs. That Association brought together all branches of the trade—newspapers, general printers, bookbinders, ink-makers, paper-makers, and several others.

There was one aspect of research which was not as widely recognised as it might be—namely, that an Association like theirs was a stimulating body which picked out important subjects demanding attention, discussed and investigated them, and led others to investigate, so that in the final issue progress was made. Lord Riddell went on to say that every subscriber, whether he made inquiries or not, got value for his money. He would couple with the resolution the name of Dr. Riddell and the names of the working members of the Council for their services during the year. (Applause.)

Brig.-Gen. W. F. Mildren seconded the motion, and Mr. W. L. Bemrose in supporting, said that they must get more printers to become members; if the Association was to go ahead they must have a larger income and spend a great deal more money on research. Mr.

Guy Harrison also supported the motion and emphasised the importance of science in industry, particularly in the printing trade. He also stressed the value of the Association to the smaller printer.

The motion was carried unanimously.

Increased Work Reported

The annual report of the Council states that the amount of work undertaken by the Association during its third year was greater than for either of the previous years, and clearly demonstrates that the printing and allied trades are becoming increasingly appreciative of the fact that the correct application of science to the industry is an aid to technical progress. The amount of work which the Association was called upon to deal with increased so rapidly that it became necessary during the year to augment the technical staff, Dr. G. Macdougall, Ph.D., having been appointed research assistant. The total membership is now 347, which is an increase of ten over the previous year.

The report expresses thanks for the continued financial support which had been forthcoming. The total income had fallen by £34 compared with the previous year, while the expenditure had increased by £370, largely due to the provision of additional staff. A substantial increase in membership is required, it is added, if the Association is to develop along the lines on which it can most usefully serve the printing and allied trades.

Discussing matters of general research, the report states that negotiations are still proceeding in the matter of set-off, while researches which are proceeding are on static electricity, bookbinding leather (on which a final report will shortly be issued) and the warping of book covers.

Election of Officers and Council

The officers and Council were re-elected, including the four members retiring by rotation—Capt. J. S. Allan, F.I.C., Mr. A. J. Bonwick, J.P., Mr. A. E. Watts, and Miss G. V. Woodman.

Mr. J. Crowlesmith, being called upon by Lord Riddell, took the opportunity of proposing that it be recommended to the Council that it see whether it is not possible to engage in more publicity work, which would bring forward the advantages of the Research Association and what it offers to the printing industry, during the next twelve months. The trade did not understand or realise the opportunities offered to it by the Association, and they certainly did not realise the value and importance of the men at the head of the Association.

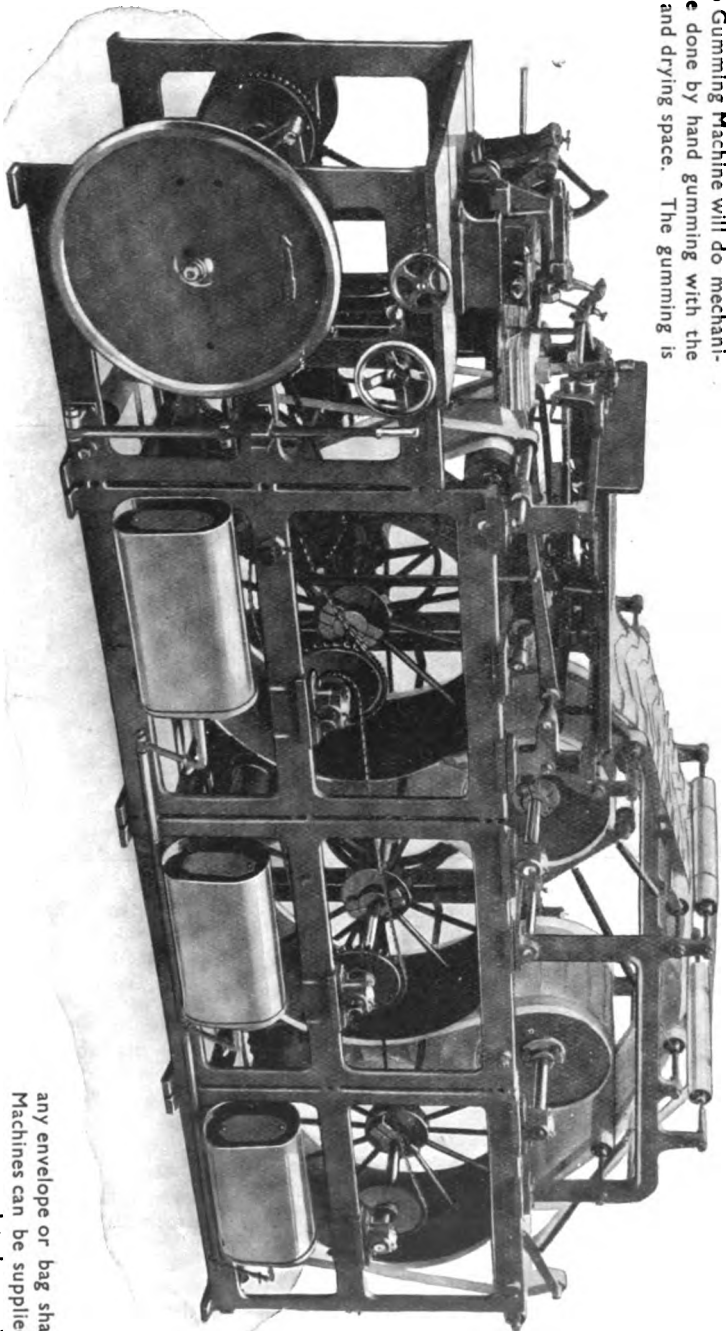
Mr. George Isaacs seconded this, and it was put to the meeting and was carried.

Mr. P. H. Prior proposed and Mr. Guy Harrison seconded, that the auditors be re-elected, and the motion was carried.

(Concluded on page 173)

BUY BRITISH MACHINERY

The "Leader" Flap Gumming Machine will do mechanically all that can be done by hand gumming with the minimum of labour and drying space. The gumming is carried out by a wipe-off gummer, so that straight across or shaped gumming can be obtained as desired.



The range of the standard machine is 14½" x 11" down to 4" x 3½", and the machine will gum the flaps of any envelope or bag shape within this range. Machines can be supplied with special ranges to accommodate larger sizes if required.

THE "LEADER" ENVELOPE FLAP GUMMING MACHINE

BUILT IN SCOTLAND—EXCELS ANY FOREIGN MAKE

DAVID CARLAW & SONS, LTD.,

31 FINNIESTON ST., GLASGOW, C.3.

London Representatives: DAWSON, PAYNE & LOCKETT, LTD., DEAN STREET, FETTER LANE, E.C.4.

BOOKBINDING

HAND BOOKBINDING FILM

GENERAL RELEASE

"Turning Over An Old Leaf" is the title of a short film now showing at various Gaumont-British cinemas. As we announced in November last year, when the film was taken, it was shot at the Cambridge

book to be rebound; then we pass in No. 2 to the sewing-on of five heavy leather thongs, which, it may appropriately be added, have a combined breaking strain of 750 lbs.; No. 3 shows the craftsman shaping



A Series of "Shots" from the Film

Works, Shaftesbury Avenue, of Messrs. Zaehnsdorf, Ltd. There, amid the hurly-burly of London traffic with evidence of the speed craze and everything modern all round, the ancient and painstaking craft of binding a book by hand by the methods of the old craftsmen was transferred to the screen, where, let us hope, it has found permanent record. So once again the inventiveness of the modern age pays tribute to the skill of the old craftsmen, whose hands fashioned beauty in a way that modern machinery can scarcely hope to equal.

Through the courtesy of the film company mentioned we are able to show here a number of shots from the film. It is seldom, of course, that such a laborious method as that shown has to be, or is required to be, used nowadays, except occasionally when a book has to be rebound. And it is only here and there that craftsmen are to be found with the requisite skill and knowledge for the work. The eight shots here reproduced show various operations in the process of rebounding. In No. 1 we see the dilapidated condition of the

the book ready for "backing"; while in No. 4 a close-up is shown of the "backing" operation; No. 5 shows the man hammering in the wooden dowels, while the apprentice steadies the book; in No. 6 we see a close-up of the wooden boards in place, with the projecting wooden dowels before trimming off, and the leather thongs in position; in the last two shots we see a picturesque old craftsman, at work—in No. 7 paring the pigskin cover, and finally covering, i.e., placing the book on pigskin prior to "drawing-on."

In the film as thrown on the screen, the final operations to be seen are the tying of bands with cords until dry, and lettering the back with brush and ink in Old English lettering. The film, which is of about three minutes duration with dialogue, is to be seen in the Gaumont-British Cinemagazine followed by two other "shorts." The photography of the film is excellent, and though the duration of the showing is short, the hand-binding method is fully illustrated, while some amusing dialogue adds to the attraction and interest of the film.

A YOUNG BINDER'S PLAINT

AN OPEN LETTER TO EXECUTIVES OF THE BINDING TRADE

The expression "Modern Youth," although much jostled and hackneyed, still has the power to bring about an expression of intolerance to the faces of the "powers that be"—meaning precisely the overseers, managers, and executives of the bookbinding industry. I speak with the conviction of a binder who has not yet ten years' experience of the trade.

Audacity?—probably it is, but having found a blank wall at the end of every other avenue of approach, there seems only this one left to explore. Let me attempt to put my grumble in lucid manner, and thereby, I hope, convince one or two of our respected executives that Youth can at least debate.

The Disparaging of Youth

Firstly, so few of those above us are prepared to admit that a young man of twenty-four or five could possibly have sufficient knowledge of the trade to be in charge of the works, that he could possibly possess sufficient intelligence to carry a big job through with as few errors as the more mature overseer. How often are we baulked by those popular advertisement words "Please state age and previous experience"!

May I remind the gentlemen in question that the standard of general education is higher now than ever

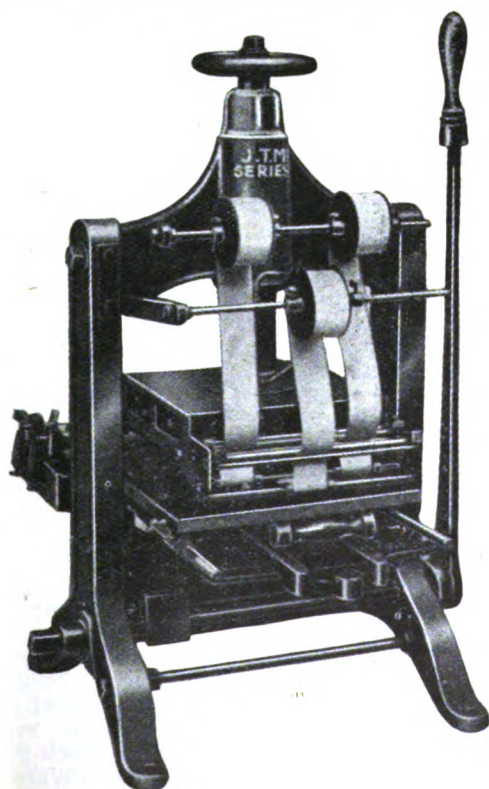
before? Furthermore, present-day conditions are so competitive that we have been forced to amass a knowledge of the trade which in all probability they delayed learning until after years.

Secondly, why is it that a manager, on losing a much-valued overseer, usually takes on a man only five or six years younger than the outgoing man, and is therefore soon faced with a repetition of the unhappy position? I say unhappy, for it cannot be very pleasing to search for a suitable man to carry on smoothly as his predecessor has probably done for many years.

Here, again, I insist that the young man is the one for the post, for he has the enthusiasm of youth, the endeavour to make good, owing to the fact that one of those hitherto unapproachable satellites has picked him out from among older men.

Giving Youth Its Chance

This is an age of advancement. Messrs. Zachnsdorf have taken a big step with Mr. Sleeman's art, and they are to be admired for their enterprise. Nevetts have also decided to graze in pastures new, with the Neo-Nevett tape-slot binding, and here again they carry with them the sincere good wishes of the youth of the



J.T.M. Series— BENCH BLOCKER



This machine is a standard type used in most binderies, and the large head adjustment makes it suitable for the cardboard box and other trades.

The blocking surface is $7\frac{1}{2}$ " x $6\frac{3}{4}$ ", and it may be heated by gas or electricity.

This machine is specially built to facilitate the addition of a ROLL LEAF AUTOFEED ATTACHMENT, or it can be supplied complete with One-draw or Two-draw Roll-leaf Autofeed as illustrated.

Roll-Leaf Autofeeds for all makes of presses can be supplied.

John T. Marshall

36, POWELL STREET, LONDON, E.C.1

CLERKENWELL 5432/3

trade, for the foresight they have shown in realising that there is room for improvement in the cheaper method of book-production.

The disparagers of youth would find it time well spent to look in on the classes at the school in Stamford Street, and see with what eagerness the classes are attended. When a school can produce a

Year Book of such typographical excellence, it goes to prove that the trade will benefit by the tuition provided. But there is still lacking that interest from the governors of our binderies, which would convince the young man that there really are opportunities for those who are prepared to strive for them.

"AUDACTER ET SINCERE."

Binders' Overseers Association

Progress Indicated at the Annual Meeting

The annual general meeting of the Printing, Book-binding and Kindred Trades Overseers Association, held on Tuesday last week, brought together a good

There are, indeed, ample indications of progress all along the line. One of the main objects of the Association is to provide opportunities for mutual intercourse amongst the members, and in this respect much good has resulted.

Before calling on the hon. secretary to read the minutes of the last annual general meeting, Mr. Paton made sympathetic reference to the death of Mr. T. Wood, a founder-member, those present rising to their feet in silence as a sign of respect.

A Creditable Year

An invitation extended by the chairman for criticism and comment on the annual report led Mr. A. M. Taylor to move its adoption. In doing so that gentleman said he thought the Association was entitled to congratulate itself on a very excellent showing.

The adoption of the report was seconded by Mr. A. T. Peake and unanimously carried.

The balance-sheet was next considered, and brought from the members nothing but praise, its adoption being carried on the proposition of Mr. W. Robinson, seconded by Mr. A. R. Carbery.

The correspondence submitted included a letter from Mr. Arthur Cox (a former general secretary), who sent greetings and congratulations on a successful year. Another letter was from Mr. J. R. Riddell with reference to a visit the members are making to the London School of Printing on their next meeting night—March 6th. A letter was also received from Mr. Fuller (London School of Printing) asking for the names of two members to represent the Association on the Examiners' Board of the School, and Messrs. E. W. Lord and J. W. Ball were again chosen for this purpose.

An application for honorary membership was made by Mr. George John Gibson (Messrs. J. Barden and Co., Bury, Lancs). The application being sustained, the new member received from the chairman and the meeting a hearty welcome.

Mr. A. C. Ware Elected President

Mr. Paton (the retiring president), in asking for nominations for the post of president, thanked the members sincerely for the very loyal support he had received from them during the two happy years he had occupied the post. He said he had much pleasure in putting forward the name of Mr. A. C. Ware as his successor.



MR. A. C. WARE

The New President

representation of the members. The chair was occupied by Mr. Peter Paton (president), supported by Messrs. A. C. Ware, A. E. Walters (treasurer), W. F. Cribb (financial secretary), J. Fleming, Maurice Hunt, Harry Young, F. S. Hayes, G. J. Hellery and Robt. Bryan (general secretary).

The annual report, which was in the hands of the members, deals in interesting fashion with the multifarious activities of the Association during the year, whilst the balance-sheet bears testimony to the eminently satisfactory nature of the Association's finances. From both documents it is clearly evident that the Association continues to extend its usefulness.

The nomination of Mr. Ware was seconded by Mr. A. E. Walters and enthusiastically carried.

Mr. Paton then welcomed Mr. Ware to the chair, at the same time investing him with the president's collar and badge of office.

Mr. Ware, in returning thanks for his election, said he appreciated very deeply his accession to the presidential chair. It would be his constant endeavour to uphold the dignity and traditions of the Association, and he could only do this with the loyal support and co-operation of the members and officers of the Association.

Nominations were next called for the post of vice-president. After a ballot, Mr. A. M. Taylor was elected, that gentleman returning thanks for the honour conferred upon him.

Other offices filled were as follows: Messrs. A. E. Walters (treasurer), S. J. Wills and G. J. Hellery (trustees), F. S. Hayes (hon. technical representative), W. F. Cribb (financial secretary), and Robt. Bryan (general secretary). Committee: G. F. Elbra, J. Fleming, M. C. S. Hunt, G. F. Martyr, F. G. Setter and J. W. Ball.

From the chair, Mr. Ware said there was one very important matter they had yet to deal with, and that was to convey to Mr. Paton the sincere thanks of the members for his successful year of office, and to pay him tribute for all he had done on their behalf.

Mr. Paton having returned thanks for the very hearty expressions tendered to him, Mr. J. A. Gouldbourne, on behalf of himself and Mr. W. B. Lyon (stewards for the annual festival dinner), reported on the satisfactory arrangements in hand for this event.

Association's New President

Mr. A. C. Ware, who has been elected to the presidential chair of this thirty-years'-old organisation, has behind him the sincere good wishes of the members as well as of a large circle of friends in the industry. Ever cheerful, he is likely to imbue the members with much of his own innate personality and to create an atmosphere of optimism. Mr. Ware, it may be mentioned, started his apprenticeship with Messrs. Weise Brothers, Finsbury, at the age of thirteen. Before he was nineteen, to use his own language, he "was careering round the trade seeking experience, taking

as many as a dozen different posts in the space of a few years in order to become acquainted with the various aspects of the bookbinding industry." In this way he was able to gather experience that has stood him in good stead in after life. Amongst the concerns from which he gained experience was the Lamson Paragon Supply Co., where he remained for four years. His first executive position was with Messrs. Fisher and Co., from whom he went to his present position with Messrs. Charles Letts, whose work in the department over which Mr. Ware has charge has increased very considerably since he assumed control.

Mr. Ware has been a member of the Association for sixteen years, and has served its interests in various capacities. He has been a valuable member on committee, and has acted with success at many of the Association's social functions. He goes to his new office with the good wishes of a large circle of friends.

PRISON GUILLOTINE.—"Prisons. . . Purchase of a new guillotine machine, £150." This announcement, which has appeared in the "Malaya Gazette," caused many people to wonder whether Singapore Prison had forsaken the old-fashioned hangman's rope for a new method of dealing with murderers. But, says Reuter, it is only a machine for use in the prison printing shop.

AN American trade paper has been carrying out experiments with sweet-smelling inks. A flower seed catalogue was recently sent out and printed in ink that had a strong scent of roses.

Miss G. V. Woodman

(MANAGING DIRECTOR)
takes this opportunity
of reminding the
Printing Trade that

FISHER Bookbinding Co. (1912) Ltd.

are specialists
in the binding of
TRADE CATALOGUES
REFERENCE BOOKS
ANNUAL PUBLICATIONS

and are licensees
under the Master
Patent for the new

S P I R A X FLAT OPENING BINDING

ST. ANN'S WORKS,
HERNE HILL, S.E.24
Tel: Tulse Hill 5633 (2 lines)

UNITY IS THE WATCHWORD OF PROGRESS

Printing, Bookbinding & Kindred Trades Overseers' Association

A practical Association for practical men

If you occupy a position of control in the Bookbinding, Ware-house, or Boxmaking section of the trade, you are invited to enquire as to the privileges and benefits attaching to membership of this Association. Founded in 1904, and still growing, this society is accepted throughout the Trade as the representative Association for Managers and Overseers.

For particulars, benefits and conditions of membership, apply to:

MR. ROBERT BRYAN
22, Upney Gardens, Barking, Essex

ADHESIVES

As Used by Bookbinders, Showcard Mounters, Box-makers

etc.

By **JAMES TAYLOR, B.Sc.***

The subject of adhesives is a very wide one, and I am afraid it will be possible in the time at my disposal to make only the barest reference to some of the types of adhesive.

Adhesives can be classified into six main types: (1) Animal glues, (2) Fish glues, (3) Casein glues, (4) Blood albumen glues, (5) Prepared liquid and mineral glues, (6) Vegetable adhesives; and I propose to deal with them in that order.

ANIMAL GLUES

This class can be sub-divided into two sections—bone glues and skin glues, but as in many respects these two are similar I shall consider them together.

Animal or ordinary binders' glues are obtained from various waste animal products such as bones, skins, hornpith, feet, etc., by extraction with hot water, and it is interesting to note the extreme antiquity of the process. In excavation work in Egypt, certain articles of furniture of the date of the Exodus have been found in tombs, and examination of this furniture has revealed some of the joints to be dovetailed and joined with glue and nails.

The exact date of the discovery that glue could be produced by boiling skins with water is not very definite, but it must have been very early. Among some stone carvings of the ancient city of Thebes, scenes taking place at least 3,300 years ago are depicted, and one of them shows the use of glues as an adhesive. One of the figures is shown gluing a thin piece of wood of red colour to a yellow piece of sycamore; there is also shown a glue pot being heated over a fire, a piece of dry glue, and pieces of veneered and inlaid wood.

There is a reference to glue in the Bible. In the Book of Ecclesiastes, chapter 22, verse 7, reads: "He that teacheth a fool is like one that glueth a potsherd together." It can, therefore, be assumed that the use of glue was known in 200 B.C. Hide glues appear to have been discovered and used before bone glue, as the earlier references in literature are all to hide glues. The Latin writers, Lucretius, Pliny, Varro and Cicero, all make references to hide glues.

Early Practical Manufacture

Coming to more recent times, the earliest practical manufacture took place in Holland, in the year 1690, and the process was introduced into this country ten years later. The first patent reference is found in a British patent granted in 1754 for a process of manufacture of fish glue. In 1814 a patent was taken out for the manufacture of bone glue, followed by several others, and 1846 marks the first patent, taken out by a man named Arney, for the manufacture of gelatine for edible purposes.

* A lecture delivered recently at Stationers' Hall under the auspices of the Stationers' Company and Printing Industry Technical Board.

The earliest glues were made by their users as required, but the first man to attempt to earn his living by the manufacture and sale of glue was Elijah Upton, who started a plant in 1808 at Peabody, Mass., and this plant is still in operation to-day with many others under the American Glue Company, of Boston. Although large factories have been established in this country, in the United States, Germany, France and Belgium for the manufacture and sale of glues and gelatines, there are still a number of firms, principally paper and textile mills, who prepare their own glue-size from raw hide cuttings. One of the large match combines in this country runs its own glue plant, many hundreds of tons of glue being required annually for the manufacture of matches.

Glue from Hides

For the manufacture of hide glues, hides are purchased from the tanners, but, unfortunately from the glue-makers' point of view, the tanner regards glue as a by-product, and does not always take the care he might with his glue-stock, and it is not kept in fresh

BOOKBINDING LEATHERS

*Manufacturers of High Class Leathers in all
shades and finishes in—*

**REAL NIGERS
SUMAC MOROCCOS
SUMAC CALF
PIGSKINS
PERSIAN GOATS
PERSIAN SHEEP
BASILS, SKIVERS
AND HIDES**

Established 1848

NICKERSON BROTHERS LTD

**99 and 101 Worship Street,
LONDON, E.C.2**

Works · ALSCOT ROAD, BERMONDSEY, S.E.1


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"E"LESS" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, R. W. Crabtree & Sons, Ltd., Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.


LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4, 'Phone: Central 3839. "LIGHT'S-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

 **JOHN & WM. BURT & SONS, LTD.**, 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.

PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPE CO., LTD., Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1, Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: City 4943 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

condition. Recently in this country the tanners have started working more closely in conjunction with the glue-makers, with beneficial results to both.

When a heap of hides and skin pieces is left exposed to the weather for some considerable time, the top pieces become bone-dry and blue in colour, and the top loses weight owing to the drainage of water to the bottom. This is to a certain extent counterbalanced by turning over with a fork to place the wetter stuff on top and allow the moisture to run down to the drier material below. Its general appearance is improved also by this operation.

Preserving the Stock

Sometimes the glue manufacturer cannot deal with the whole of the tanner's stock when it is available, and if it is kept too long it is liable to putrefy and become valueless. Preservation is effected by keeping the material in a lime-pit containing lime liquor. Under these conditions it may be kept for a period of six months or more. It is not advisable to use preservatives such as phenol, cresylic acid, salicylic acid, or formalin, owing to their tanning action on the stock.

In addition to using this tanner's waste, the glue manufacturers also use fleshings, pieces of animals' feet, head, and tail, also tendons of cow, bull and horse. The foot is one of the most valuable, as it yields a large percentage of glue. Preservation of this type of stock is effected by means of a lime-pit as above, or alternatively by dry-salting—that is, the glue stock is stacked alternately with layers of salt.

Liming and Deliming

The first stage in the extraction of the glue from these two types of stock is the liming. This is carried out in large wooden or concrete vats, using a saturated solution of lime, or sometimes a mixture of lime and soda. There is no definite time for liming; it all depends upon the nature of the stock, green material requiring a much longer time than offal which has previously been preserved in a lime-pit. With agitation the period is of the order of one month; agitation speeds up the process, and is effected by means of pad-

dles, by bubbling compressed air through the mixture, or by raising and lowering the material in cages in the lime liquor.

The second stage is the washing and deliming to remove the excess alkali and soluble alkali salts, to remove the soluble by-products and to swell the glue. Washing alone in cold water does not suffice for this operation; weak solutions of mineral acids are necessary to remove the lime, etc. The stock is, first of all, washed in running water till the wash-water is clear. Hydrochloric or sulphurous acid is then added, both of which, however, suffer from certain drawbacks. With hydrochloric acid there is danger of contamination by iron or arsenic, while with sulphurous acid there is a risk of soluble sulphites being present in the finished products; but, on the whole, sulphurous acid is preferable on account of its bleaching qualities, and also the soluble sulphites are fairly readily removable later on. The stock is worked in the dilute acid liquor and is then again washed very thoroughly in running water to remove excess of acid.

Extraction or Boiling

The third process is the extraction or boiling, of which there are two alternative processes: (i) the open, (ii) the closed.

In the case of the former, the operation is carried out in large pans, preferably made of aluminium, and the heating is effected either by means of an open fire, a steam jacket, steam coils, or by forcing live steam into the liquid. The steam jacket is the most satisfactory on account of its ease of control. Steam coils cause waste by friction of the steam in the coils and by breakage of the joints, while the forcing of live steam into the liquor gives an uncertain temperature, and superheated steam is advisable to avoid excessive condensation. The open fire leads to local overheating and burning.

The closed process is carried out in an autoclave at 10 to 15 lb. pressure, and is always used for bones; it is somewhat slow for hide and skin offal. The stock is dumped into the boiler until the latter is almost full, and is then covered with water. Heat is applied at 140 deg. F. for several hours, during which time the

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTOTONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C. 4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C. 4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.



liquor dissolves 6 or 7 per cent. of its weight of glue. Most of the liquor is drawn off through a valve at the bottom, and, fresh water having been added, the process is repeated at a temperature of 150 to 155 deg. F. The cycle is repeated a further four or five times, with an increase of temperature each time, the final boiling taking place at about 210 deg. F. After the withdrawal of the glue liquor each time, the skin forming on the surface is ladled off and put back in the auto-

clave with the next batch, otherwise the finished product is liable to be streaky. The production can be accelerated by agitation and by shredding of the stock.

The succeeding stages of the process are the same for both bone and hide glues, so before dealing with them I propose to pass to bone glues and bring their manufacture to the same stage, and then deal with the two together.

(To be continued.)

TRADE NOTES

A MEETING of creditors of A. J. Barton and Co., Ltd. (registered offices Windsor Road Printing Works, High Street, West Norwood, S.E.27), will be held at White Cross Mills, Lancaster, on Wednesday, the 21st inst. The matter of nominating a liquidator and the appointment of a Committee of Inspection will be considered.

CREDITORS and shareholders met in London last week under a winding-up order made on January 15th against James Davies and Co., Ltd., proprietors of the South Wales Press and printers and stationers, Murray Street, Llanelly. A draft statement of affairs disclosed gross liabilities £7,268, and an estimated surplus in assets of £2,543, but figures prepared on behalf of the official receiver indicated that the assets would not realise more than £4,845, even if the business were sold as a going concern. A liquidator was nominated.

THE Latvian Telegraph Administration has signed a contract with Waterlow and Sons, of London, for the delivery of 293,000 metres of parchment tape for creed apparatus.

WE regret to announce that Mr. Morris Broad Fowler, technical director of Messrs. Capper Pass and Son, Ltd., manufacturers of Pass printing metals, died on Thursday at Avon Wood, Sneyd Park, Bristol, after a short illness.

MR. RONALD C. STEVENSON, joint managing director and secretary of the Northern Press, Limited, proprietors of the "Shields Gazette," "Shields News," and other Northern newspapers, has died at Tynemouth, aged 60.

THE London Central Districts Master Printers Association holds its annual social evening at Stationers' Hall on Tuesday when there will be a dance cabaret.

MEMBERS of the Bristol Master Printers and Allied Trades Association had the pleasure, at their February supper meeting at Hort's Restaurant, of listening to a most interesting talk by Mr. J. E. Barton, upon "The Poster." Mr. Barton is head-master of Bristol Grammar School, and will be remembered for his popular series of broadcast talks on Art.

S
&
P

Printing Inks FOR ALL PROCESSES

OFFSET & PHOTOGRAVURE INKS
IN ALL SHADES ARE A SPECIALITY WITH S. & P. LTD.

IF YOU HAVE NOT

a Photogravure Machine you should try the following Letterpress Inks

• ACME
BLACK

No. 128 2/- per lb.

• GUARDS
SCARLET

No. 708 4/- per lb.

• JELLY
VELVET BLACK

No. J137 3/- per lb.

SLATER & PALMER

4, WINE
OFFICE
COURT

LIMITED

FLEET ST.
Phone : 0211 Central
Grams : Palmink, Fleet
LONDON E.C.4

S
&
P

Printers' Managers and Overseers

New National Council of the Association Meets for First Time

The first meeting of the recently-created National Council of the Printers' Managers and Overseers Association was held on Saturday at Anderton's Hotel. Representatives from London and all the provincial Centres attended.

Early in the business came the confirmation of the election of the following officers: Messrs. Pugh and Phillips—trustees; Mr. Berry—treasurer; Mr. Berryman—editor.

The election of a new general secretary was moved by Mr. Butler: "That the Yorkshire Centre have

answered several questions, and the accounts were carried unanimously.

The following resolution of the Bristol Centre was then proposed: "That a badge be struck for reigning provincial presidents to wear as insignia of office." This was carried, with the proviso that the Centre concerned bears the expense.

The meeting closed with a vote of thanks to the chairman, Mr. M. J. Odell.

Superannuation Fund

A further meeting followed with representatives of the Superannuation Fund. Several points were discussed and suggestions made, the general secretary stating that there were now thirty-six recipients and that the position of the Fund was very satisfactory. The accounts were then considered and passed.

A discussion followed on the reopening of the Fund, every representative taking part, and it was unanimously agreed that it was not possible to bring a scheme forward to meet this suggestion. The meeting closed with a vote of thanks to the chairman.

The representatives then adjourned to spend a very pleasant evening at the annual dinner of the Printing and Allied Trades Charity Sports Association at the Connaught Rooms.

* * *

THE NEW GENERAL SECRETARY

With his formal election by the National Council, Mr. R. B. Simpson becomes definitely installed in the position he has been temporarily filling, that of general secretary of the Printers' Managers and Overseers Association. For years a leading spirit in the Association, and one of its most devoted workers, he has for the two years past occupied the presidency of the Association during a difficult period, and he has proved his worth in helping to guide the Association into smoother waters.

A Londoner born, Mr. Simpson began his career as a reading boy with Messrs. Eyre and Spottiswoode, and later served his apprenticeship with the same firm. When out of his "time" he was engaged as a "comp." with Messrs Skipper and East, of 1, Great Tower Street, and later with Messrs. W. P. Griffith and Co. His entrance into the realm of overseership was with the firm of Messrs. Porteous, Ltd., of whose letterpress department he was put in charge. He held that position for nine years, after which he was for seven years manager to the Dorrit Press, Ltd. He then began his association with Messrs. B. Sims and Co., Ltd., as manager, a position he still retains.

Mr. Simpson's work in connection with the P.M. & O.A. is well known. He has been particularly active on the social side of the Association; on the Council also he has been an energetic worker. In



MR. R. B. SIMPSON

New General Secretary

pleasure in proposing Mr. R. B. Simpson for the office of general secretary." This was seconded by Mr. Eaton, Liverpool Centre, supported by several other Centres and carried unanimously.

Mr. Simpson, in response, thanked the Council for the confidence they had placed in him in electing him as general secretary, and said that as he had been carrying on the position now for just over two months he knew the difficulties and problems which arose. The work of this office increased as the years went on, but it was the usual task of printers to have difficulties and to get over them. He assured them that he would do his very best, as he had done in the past, in everything he undertook for the Association.

The financial statement was then discussed, Mr. Hepburn, the accountant, being in attendance. He

1929 he was elected vice-president, a position he held for two years before becoming president. During his presidency he visited every one of the provincial Centres, where he is very popular (the provinces have whole-heartedly supported his election as general secretary). The whole period of his service both as vice-president and president has been beset with difficulties, but he has come through with flying colours and he has the solid backing of the membership behind him in the responsible and exacting duties which he has now undertaken.

* * *

LONDON CENTRE'S MEETING

A concert formed the principal item for the January meeting of the London (Parent) Centre of the Printers' Managers and Overseers Association—at the Old Bell, Holborn, on Tuesday of last week. The new president, Mr. M. J. Odell, was in the chair, supported by the vice-president, general secretary and other officers.

The Council recommended one candidate for membership, namely, Mr. L. E. T. Horne, 16, Sellamutter Avenue, Colpetty, Colombo, Ceylon (works manager, The Ceylon Government Press, Welikade, Colombo, Ceylon). Mr. Horne was duly elected.

Mr. Simpson announced the holding, at the end of the week, of the first National Council meeting in the history of the Association.

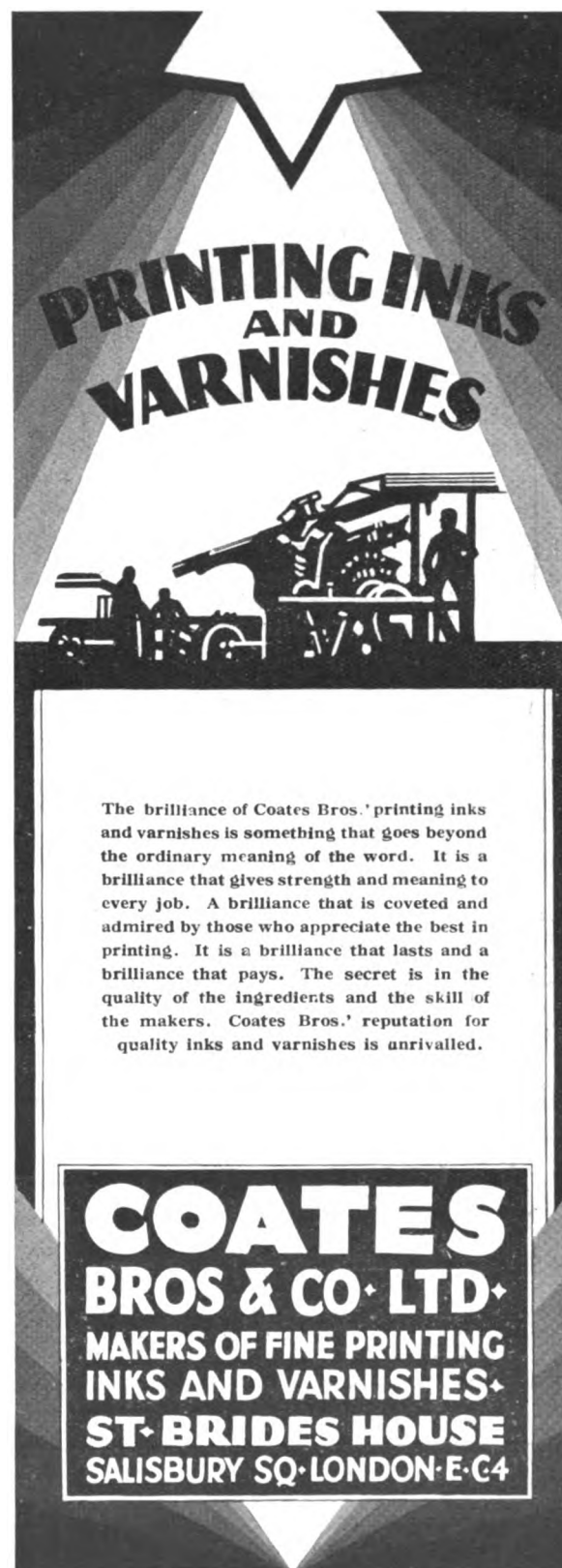
Mr. Jarvis asked whether the present meeting was to discuss the agenda that would be before the National Council; he referred particularly to an item relating to alteration of rules, and took the view that the settling of such matters was passing from the members to the Council. Mr. Dawson supported.

The president and the general secretary both replied, explaining the position and contending that the matters in question were being dealt with in a democratic and constitutional manner, in the best interests of the Association.

When Mr. Cooper, "to clear the air," proposed a vote of confidence in the Council, members were gratified to find Mr. Jarvis good-naturedly seconding the motion, which was carried unanimously.

Members having been reminded of the coming annual dinner of the Association in April, the rest of the evening was given over to a varied concert programme provided by "The Pompositives." A very cordial reception was given to all the artistes, whose contributions comprised songs by Doris Edwardes, Dorrie Gilbert and James Wynne, also humorous items by Harry Fern, whilst an unusual item was introduced by Eddie Fair and his piano-acordion, both in solo turns and in company with the pianist, Kenneth McLeod. Eddie Fair brought the proceedings to a merry close by leading community singing with his accordion. A hearty vote of thanks was given to the artistes on the proposition of Mr. Dawson, seconded by Mr. Shepherd.

THE London Museum has acquired as a gift from Messrs. Charles Bevan original copper-plates, engraved in 1718, by William Hogarth with designs for the trade-cards of Richard Hand, "the Oldest Original Chelsey Bunn Baker."



**PRINTING INKS
AND
VARNISHES**

The brilliance of Coates Bros.' printing inks and varnishes is something that goes beyond the ordinary meaning of the word. It is a brilliance that gives strength and meaning to every job. A brilliance that is coveted and admired by those who appreciate the best in printing. It is a brilliance that lasts and a brilliance that pays. The secret is in the quality of the ingredients and the skill of the makers. Coates Bros.' reputation for quality inks and varnishes is unrivalled.

**COATES
BROS & CO. LTD.**
MAKERS OF FINE PRINTING
INKS AND VARNISHES.
ST. BRIDES HOUSE
SALISBURY SQ. LONDON E.C4

Stereo Overseers & Managers

Address by Mr. J. Black

The February meeting of the Electrotypers and Stereotypers Managers and Overseers Association was held on Thursday last at St. Bride Institute, Bride Lane, the chair being occupied by Mr. J. Black (president), supported by Messrs. A. H. Howell (vice-president), W. Bullett (secretary), A. Chadwell, Bernard Titchener, H. Fulcher and W. M. Forsyth.

Early in the proceedings the chairman took the opportunity of welcoming Mr. J. Gildersleve on his first appearance at the meeting since his election to membership.

The balance sheet and the statement of income and expenditure for 1933 were placed before the meeting. These being found to be perfectly in order and satisfactory, they were unanimously adopted.

A resolution recommended by the Council that Mr. Bernard Titchener be asked to act as assistant secretary to Mr. Bullett was next considered. The resolution was proposed by Mr. A. Chadwell, seconded by Mr. Brewster and unanimously carried. Mr. Titchener said he would undertake the duties allotted to him in an honorary capacity and that he would do his best to serve the highest interests of the Association.

Mr. Chadwell announced that the next pension of their own trade Auxiliary (No. 14) was to be named after their Association. This announcement led the members to decide to have inscribed on the minutes thanks to Mr. Chadwell for his efforts in connection with the naming of the pension.

Experiences in the Printing Trade

The remainder of the evening was devoted to an interesting talk by Mr. J. Black (manager of the foundry of Messrs. Knighton and Cutts) on some of his experiences in the printing trade, with special reference to electrotyping and stereotyping. Mr. Black went back to some early and amusing recollections in the composing-room of the Glasgow University Press, where he was apprenticed in the electrotyping and stereotyping foundry. In his early days the foundry operatives had many obstacles to contend with—those were the days before the introduction of power into their works. Mr. Black explained the developments in electrotyping from the days when they grew their shells by the aid of the Smee battery right up to the methods in use at the present time; and then he described how they used to be served out with their metal. There were no metal merchants in those days, and the foundry operator had to manipulate his antimony and tin and lead as he thought best for the particular job he happened to have in hand. Great progress had been made since then, but he believed the skill of the operator of those early days was not

inferior to that of the present-day worker. Mr. Black closed with a reference to the technical schools, and appealed to the younger craftsmen to gain as much knowledge as possible regarding their work. The young man to-day had advantages in every respect that could not be compared with conditions that existed when he (the speaker) first entered the foundry.

A hearty vote of thanks was accorded to Mr. Black on the proposition of Mr. A. H. Howell, seconded by Mr. W. J. Brewster.

Illustrated Newspapers, Ltd.

At the meeting last week of Illustrated Newspapers, Ltd., Mr. William Graham, the chairman, said that the board hoped to be able to pay a half-year's dividend on the preference shares on May 1st next, and also, if trading continues to be as encouraging as at present, to make a similar distribution in November.

The printing plant of the Illustrated London News and Sketch, Limited, prints not only the "Illustrated London News" and the "Sketch," but also the "Bystander," he said. The gravure section of the "Tatler," "Sphere," and "Britannia and Eve" are also produced on this plant. In order to maintain and even increase the efficiency and economy of production, further space has been secured and some additional up-to-date plant is being installed.

Mr. Vaughan, who for years has been manager of the printing works, has recently taken over the management of Lascelles.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND

(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and Italic)

GOTHIC, LINING

(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN

(light and 110)
IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

LONGER LIFE—SHARPER IMPRESSIONS

GESTITE
LITHOGRAPHIC
ROLLERS

GESTITE ROLLERS, LTD.
FAWLEY ROAD, TOTTENHAM, LONDON, N17
TELEPHONE: TOTT 2204

*(Continued from page 160)***P.I.R.A. ANNUAL MEETING****Thanks to Lord Riddell**

There being no other business Brig.-Gen. Mildren proposed a vote of thanks to their president, Lord Riddell, for presiding. In felicitous terms he referred to his Lordship's intense interest in the Association, he having had in fact a great deal to do with starting it. Speaking of the Association, he said that its work during the past year had largely been minor research. That was useful, as leading to major research, but the Association could not really tackle major research without very considerable financial resources, which that Association had never really had. He hoped that during the year they would get more support from printers, small printers included. General Mildren proceeded to forecast great changes in the printing industry within the next few years. He concluded with the hope that continued progress would be made during the coming year. (Applause.)

Sir Thomas McCara seconded the motion, which, being put to the meeting, was heartily carried.

In returning thanks Lord Riddell associated himself with General Mildren's remarks about coming changes, enumerated the research the Association had carried out during the year, and reminded all that the annual subscription to the Association was the moderate sum of one guinea. He thanked all present for their support, and expressed the hope that each one of them would be a missionary for the Association.

G. WELLS & CO.,
LIMITED,
PRINTERS' & PUBLISHERS'
ESTD. 1840. **BINDERS.** Phone: HOP 6658, 6659.
LOOSE LEAF
BINDING A SPECIALITY
Send us your enquiries for
LOOSE LEAF
CATALOGUE COVERS.
42 SOUTHWARK STREET
LONDON, S.E.1.

North London Master Printers**Printing Foreign Languages**

With his usual flair for originality the secretary of the Association of Master Printers of North London (Mr. W. J. Mizen) brought his members together on Monday in large numbers at the Alpha Restaurant, Seven Sisters Road, N., with a unique circular which bore the cryptic title: "The Leaden Soldiers in Foreign Uniforms."

As things turned out, the matter before the meeting proved to be an excellent address by Mr. Leslie Burns, on printing in foreign languages.

The chair was occupied by Mr. F. W. Soule (president), who was supported by F. Gregory (vice-president), W. R. Cummins, W. W. Curtis, D. A. Whitehead, L. F. Hunt, C. E. Dooley and E. G. Baker (secretary, L.M.P.A.).

The chairman having expressed pleasure at so large an attendance, Mr. Gregory reported on the great success that had attended the New Year's Party which the Association had held in combination with the West and North-West Association at Lysbeth Hall, Soho.

Mr. Curtis, the Association's hon. representative to the Printers' Pension Corporation, appealed to the members for assistance in respect of votes in connection with the forthcoming election.

Mr. Baker, in response to the chairman, reminded the members of the L.M.P.A. annual dinner and referred to the annual congress of the F.M.P. at Torquay in June, giving an outline of the many attractive features of this event.

Mr. Leslie Burns then spoke on foreign language printing, his address being similar to that he gave before the members of the South-West Association in December, as reported in our issue of December 14th. That Mr. Burns's lecture had proved highly interesting and informative was clear from the remarks made by subsequent speakers when making comments and asking questions at the conclusion of the lecture.

'PHONE HOL. 0527

for

SKILLED CRAFTSMEN
(N.S.)

READERS ♡ COMPOSITORS ♡ LINO,
MONO AND INTERTYPE OPERA-
TORS ♡ MACHINE MINDERS (LITHO
AND LETTERPRESS) ♡ LAYERS-ON ♡
WAREHOUSEMEN AND CUTTERS ♡
GOLD BLOCKERS

**THE PRINTERS' PROVIDENT
ASSOCIATION**

21 CHARTERHOUSE ST., LONDON, E.C.1

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 20s. 4½d., 6½ p.c. 1st pref. 24s. 6d.; Amalgamated Press (10s.) 20s. 9d., 20s. 10½d., 7 p.c. pref. 24s. 9d., 24s. 4½d.; Argus Press Holdings pref. 23s. 10½d., 23s. 9d.; Associated Newspapers 28s., deid. (5s.) 20s. 10½d., 20s. 7½d., 5 p.c. pref. 22s. 9d.; British Glues and Chemicals (4s.) 4s., 3s. 7½d., 8 p.c. pref. 22s. 9d.; Bull Book 25s. 7½d., 25s. 3d., deid. (1s.) 11½d.; Country Life 5½ p.c. pref. 17s. 9d., 18s.; Daily Mirror Newspapers 5 p.c. gtd. 1st mt. deb. 106½; Daily Sketch and Sunday Graphic 5 p.c. gtd. 1st mt. deb. 104½, 105½; T. De La Rue 15s. 9d.; J. Dickinson 46s. 6d., 5 p.c. 1st pref. 109½; Eyre and Spottiswoode 4½ p.c. deb. 100; Financial Newspapers Proprietors ord. 6s.; Financial Times 7 p.c. pref. 19s. 1½d., 19s. 3d.; Hutchinson and Co. 1st pref. 16s. 1½d., 16s. 3d.; Hutchinson Printing Trust 1st pref. 15s. 6d.; Illustrated London News and Sketch 4 p.c. 1st deb. 74½, 74½; Illustrated Newspapers 7s. 1½d., 7s. 6d., 7 p.c. pref. 16s. 10½d., 17s. 3d.; International Linotype 23; Kelly's Directories 57s., 56s. 9d., 7½ p.c. pref. 29s. 7½d.; Lamson Paragon 24s. 6d., 23s. 6d., 5½ p.c. pref. 22s. 9d., 10 p.c. pref. 30s. 9d.; Linotype and Machinery 4½ p.c. A deb. 93, 4½ p.c. B deb. 93; London Express Newspaper 7 p.c. pref. 23s. 1½d., 23s. 4½d.; Monotype Corporation 34s. 3d., 34s. 6d.; G. Newnes (10s.) 27s. 9d., 5 p.c. 1st pref. 21s. 10½d., 7 p.c. 2nd pref. (10s.) 13s. 3d.; Odhams Press (4s.) 9s., 8s. 10½d.; C. A. Pearson 5½ p.c. pref. 20s. 7½d.; Sunday Pictorial 43s. 3d.; United Newspapers 7½ p.c. pref. 4s. 3d.; Waterlow and Sons deid. 18s. 1½d., 18s. 6d., 6½ p.c. pref. 23s. 9d., 4 p.c. pref. 48s. 6d., 48s. 7½d.; Winterbottom Book Cloth 38s. 1½d.; Wyman and Sons 7 p.c. pref. 9s. 6d.

New Companies

PHOENIX PHOTO-ENGRAVING CO., LTD.—Capital £2,000 in £1 shares; process and general engravers, electrotypers, stereotypers, printers, lithographers, paper and ink manufacturers, general stationers, picture framers and woodworkers, advertising agents and contractors, manufacturers of and dealers in tin, cardboard or other boxes or packing cases, etc. Private company. Permanent directors: Walter B. Cave (11, Austin Grove, Levenshulme, Manchester), Lloyd S. Garside and John H. Pym.

H. SOUTHALL AND CO. (1934), LTD.—Capital £2,000 in £1 shares; paper stainers, printers, lithographers, embossers, bookbinders, wallpaper manufacturers, etc. Private company. First directors: Thomas A. Marshall, Wm. F. H. Hammond and

S P I C E R S

LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

Michael Benjamin. Registered office: Cambridge Works, Vyner Street, Cambridge Heath, E.2.

ENGLISH UNIVERSITIES PRESS, LTD.—Capital £100 in £1 shares; printers, stationers, lithographers, engravers, publishers, advertising agents, etc. Private company. Permanent directors: Robert P. Hodder-Williams and Ralph W. Hodder-Williams. Solicitors: Dennes and Co., 22, Chancery Lane, W.C.2.

LYMINGTON PRESS, LTD.—Capital £100 in 5s. shares; lithographers, printers, show-card writers, shopfitters, stationers, advertising agents, dealers in pictures, artists' colours, oils, paints, brushes, etc. Private company. Subscribers: Samuel Levy and George S. Knott. Solicitors: Wynne-Baxter and Keeble, 9, Laurence Pountney Hill, E.C.4.

HEREFORD STANDARD, LTD.—Capital £500 in £1 shares; publishing and selling a weekly newspaper, etc. Private company. First directors: Rev. Cyril W. de Normanville, Reginald C. Monkley, William Pigott, Walter Langley and Ernest R. Davies. Registered office: 71, Commercial Road, Hereford.

OUR CATS PUBLISHING CO., LTD.—Capital £5,000 in 2,000 ordinary shares of £1 and 12,000 founders' shares of 5s. each; to acquire the monthly magazine known as "Our Cats," and to carry on the business of publishers of newspapers, magazines, and books of all kinds, printers, stationers and advertising agents, etc. Private company. First directors: Arthur Casson and Joseph W. Scrivens. Registered office: 4/5, Adam Street, Adelphi, W.C.2.

T. RASMUSSEN AND CO., LTD.—Capital £5,000 in £1 shares (3,000 6 per cent. cumulative preference and 2,000 ordinary); manufacturers of, agents for and dealers in paper and articles made therefrom, cardboard railway and other tickets and millboards, manufacturers of and dealers in machinery, engines, vessels and apparatus used in the manufacture of paper or other goods, cinematograph machinery, sensitised paper, etc. Private company. First directors: Trygve Rasmussen and Annie M. Rasmussen. Registered office: Broadway Chambers, 7, Broadway, E.C.4.

PHOTO MECHANICAL PROCESSES, LTD.—Capital £500 in £1 shares; process block makers, electrotypers, photo lithographers, photographers, etc. Private company. Directors: Louis Thornton and John Lester. Registered office: Inglemere, Fosse Way, Syston, nr. Leicester.

Increases of Capital

DICKENS AND COOPER, LTD. (bookbinders, etc., 365/371, City Road, E.C.1).—The nominal capital has been increased by the addition of £15,000 beyond the registered capital of £5,000. The additional capital

is divided into 15,000 5 per cent. second preference shares of £1.

CATS PAPER, LTD. (manufacturers of papers, wrappings, boards and cardboards, etc., 31, Wallbrook, E.C.4).—The nominal capital has been increased by the addition of £1,500 in £1 ordinary shares beyond the registered capital of £2,500.

STATESMAN AND NATION PUBLISHING CO., LTD. (10, Great Queen Street, Kingsway, W.C.1).—The nominal capital has been increased by the addition of £1,500 in £1 shares beyond the registered capital of £32,100.

Mortgages and Charges

TELEGRAPH PRINTING CO. (1910), LTD.—Charge on land, offices, etc., in Railway Road, Urnston, Lanes, dated February 1st, 1934, to secure £1,000. Holders: Northern Daily and Weekly Newspapers (1920), Ltd., Union Street, Oldham.

TORQUAY PUBLISHING CO., LTD. (3 and 4, Cary Place, Torquay).—Debenture charged on the company's undertaking and property, present and future, including uncalled capital, dated January 23rd, 1934, to secure all moneys due or to become due from the company to Lloyds Bank Ltd.

GEORGE A. GREENWOOD, LTD. (advertising and publicity agents, etc., 6, Devereux Buildings, Devereux Court, W.C.2).—Debenture dated January 16th, 1934, to secure £350, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: Hubert Norman, Ltd., 15/16, New Burlington Street, W.1.

AIRWAYS PUBLICATIONS, LTD. (4, Clements Inn, W.C.2).—Issue on January 12th, 1934, of £300 debentures, part of a series already registered.

ROMEIKE AND CURTICE, LTD. (press cutting agents, etc., 35, Shoe Lane, E.C.4).—Satisfaction in full on June 4th, 1930, of deposit of deeds in favour of Westminster Bank Ltd., dated July 31st, 1922, and registered August 17th, 1922. Notice filed February 1st, 1934. (According to the register of mortgages, the only charge registered August 17th, 1922, was a memorandum of deposit which originally secured all moneys due to bank.)

BRITISH VEGETABLE PARCHMENT MILLS, LTD. (address in England, Northfleet).—Satisfaction to the extent of £34,000 on October 11th, 1933, of trust deed dated August 8th, 1930, and registered August 22nd, 1930, securing £70,000 second debentures. (Notice filed February 1st, 1934.)

HENDERSON AND SPALDING, LTD. (stationers, etc., 17, Sylvan Grove, Old Kent Road, S.E.).—Satisfaction to the extent of £10,000 on January 19th, 1934, of second debenture dated October 9th, 1931, and registered October 13th, 1931.

Comps LTD.

**LINOTYPERS
TO THE TRADE**

**LET US
QUOTE**

The **extra efficiency** we are able to give you, an **ever-ready DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something.

And our **price**, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade**.

Some of our type faces:

- 14pt. Cheltenham Wide with Cheltenham Bold.
- 12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).
- 12pt. Kennerley and Italic.
- 12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.
- 12pt. Modern with Doric and Italic.
- 11pt. Scotch and Italic.
- 10pt. and 8pt. Cheltenham Wide and Italic.
- 10pt. and 8pt. Book-print and Cloister Bold.
- 10pt. and 8pt. Garamond and Italic.
- 10pt. Modern and Italic.
- 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.
- 9pt. Old Style and Italic.

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

Receivers Appointed or Released

BRITISH COMMONWEALTH TRADE PRESS, LTD. (212, High Holborn, W.C.1).—A. R. O. Slater, of Portland House, 73, Basinghall Street, E.C.2, was appointed receiver of the company's income, on February 7th, 1934, under powers contained in debentures dated November 5th, 1929.

AIRWAYS PUBLICATIONS, LTD. (4, Clements Inn, W.C.2).—F. L. Fisher, F.C.A., of Bassishaw House, Basinghall Street, E.C.2, was appointed receiver and manager on January 29th, 1934, under powers contained in debentures created September 14th, 1933.

GARWHEAT, LTD. (printers, etc., 50, Prince's Road, Holland Park, W.11).—F. Williamson, master printer, of 40, Churchill Road, Willesden, was appointed receiver on January 30th, 1934, under powers contained in debenture dated March 13th, 1933.

J. W. TRUE AND CO., LTD. (printers and stationers, etc., 38, Sun Street, E.C.2).—C. Wallis, of 70a, Basinghall Street, E.C.2, was appointed receiver and manager on January 30th, 1934, under powers contained in debentures dated November 14th, 1928. F. W. Lloyd has ceased to act in the above capacities.

THOMAS AND PARRY, LTD. (printers, stationers, etc., 12, Caer Street, Swansea).—J. P. Williams, of 13 and 14, Gower Street, Swansea, ceased to act as receiver and manager on January 25th, 1934.

TENDERS

BOROUGH OF WILLESDEN TENDERS FOR PRINTING AND STATIONERY

TENDERS are invited for the printing of the Council's Agenda, Committee Reports and Minutes, and certain stock forms for all Departments, including the Education Committee, for the **THREE YEARS ENDING MARCH 31st, 1937**.

Tender forms can be obtained and samples inspected at the undermentioned address between the hours of 10 a.m. and 4 p.m. (Saturdays 10 a.m. to 12 noon). Tenders must be delivered to the undersigned not later than 4 p.m. on Tuesday, March 6th, 1934, endorsed "Printing and Stationery." The Corporation reserves to itself the right to accept the whole or part of any tender and need not necessarily accept the lowest or any tender.

E. A. PRATT, Town Clerk.

Town Clerk's Department,
Town Hall, Dyne Road, Kilburn, N.W.6.
February 9th, 1934.

TENDERS to be delivered before noon on Monday, 26th February, 1934, are invited from firms with London works for certain **JOBWORK PRINTING** for the Public Service—Groups 655 and 656. For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

AUTOMATIC FEEDER, 33in. x 22½in., two pumps, back blast, well-known make. Reasonable offer taken.—Apply Box 16167.

GUILLOTINE.—42in. Crosland Self-Clamp, two knives; also Quad Demy Two-colour Offset Machine by Crabtree.—Box 16161.

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

MODEL "X" INTERTYPE, completely equipped as new. Write for full particulars to Box 16165.

QUAD DEMY Wharfedale, flyers, geared inkers, disers, etc., in good condition. Also Double Demy "Summit" Fine Art Machine.—Box 16159.

BUSINESS

GENUINE Jobbing Printing Business; practical man's ideal; good-class work; modern plant; sacrifice; £550.—Box 16171.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hard-wearing RISCATYPE. 15732

3 CWT. Metal Gas Pot, by Falkirk Iron Co. Good condition. £3 f.o.r.—Innes, Cupar, Fife. 16169

WANTED

SITUATION VACANT

PRINTING AND LITHOGRAPHY.—We have a vacancy for a well-educated experienced man as a REPRESENTATIVE in London area or Eastern Midlands. Excellent prospects.—Apply stating age and salary required to Secretary, W. S. Cowell, Ltd., Butter Market, Ipswich. 16154

THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.

PHONE

GERRARD 3664 (4 LINES)

The
WEST END
ENGRAVING
COMPANY LTD
17, ST. ANNE'S CT.
WARDOUR ST. W.

SITUATIONS WANTED

BINDER seeks change. Account, Publishers', Misc., or Cutter. Young, N.S.—B., c/o Mrs. White, 94, Shakespeare Road, Herne Hill, S.E.24. 16151

COMP., N.S., experienced, Modern Display, Commercial, Jobbing, Poster, etc.; highest refs.—Write Box 16152.

COMP., N.S., experienced, Modern Display, Commercial, Jobbing, Poster, etc.; highest refs.—Write E. Hall, 4, Gloucester Road, Dartford. 16172

GUILLOTINE and Warehouse Hand seeks situation. Any class of work or machine. —Box 16170.

MINDER seeks situation. Two-revolutions and Wharves.—R., 18, Grenfell Road, Mitcham, Surrey. 16156

REPRESENTATIVE with sound connection commanding Letterpress Catalogues, Brochures, etc., Litho Posters, Labels, Cut-outs, Folding Boxes, etc., wants post with large progressive house.—Box 16153.

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

YOUNG BINDER, Stationery Letterpress; highest refs.; keen, reliable.—Veitch, 28, Longport Street, Canterbury. 16150

WHITE Paper Warehouseman seeks sit.—G. Sheridan, 15, Nelson Avenue, Tonbridge. 16163

MACHINERY

FOOLSCAP F. CYLINDER, Treadle. Give specification and cash price.—Box 16149.

WANTED to purchase, small Paper Embossing Machine. Full particulars with width of Roller to—Box 16155.

MISCELLANEOUS

A £50,000 Company guaranteeing a minimum of £2,000 printing a year (payments cash weekly) would like to make an offer to a firm of London or Provincial printers.—Write "L. F. P.," Box 365 c/o Smith's, 3, Lincoln's Inn Fields, W.C.2. 16173

Replies to Box Nos. to be addressed to the
"British and Colonial Printer," 58, Shoe Lane,
London, E.C.4

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

IMITATION BOOK CLOTHS

GARWOOD & MUDDIMAN LTD.

FIBRETTE & CLOTHETTE
CHEAPEST STRONGEST BEST

WRITE
for
SAMPLES

**40 SOUTH LAMBETH RD
LONDON, S.W.8**

Telephone: Reliance 2922

Telegrams - Vindico Claproad London

DATE BLOCKS

"OXFORD"
Series of

DATE BLOCKS
**WIDDOWSON & Co.,
LEICESTER.**

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

ENGRAVERS

EMBOSSING BLOCKS & STEEL DIES

MINTON & CASEY LTD.
ARTISTS ENGRAVERS DIE-SINKERS
CLERKENWELL 5892
FOR
BOOKBINDERS-XMAS CARD MFG. STATIONERS-GOLD BLOCKERS
1 Clerkenwell Rd. London E.C.1

ESTABLISHED 1887

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone: Central 6678

Telegrams: "Printauct, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHY
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2

H.W. JOHNSON LTD
MELANA HOUSE, HIND COURT FLEET ST. LONDON E.C.4

LAW FOR PRINTERS AND PUBLISHERS

PRICE 17/6 (Postage Extra)

An extremely useful book of
reference. Should be in the hands
of all **MASTER PRINTERS**

BOOK DEPT.

STONHILL & GILLIS LTD.
58, Shoe Lane, London, E.C.4

PRINTING

FOR LINO, MONO, STEREO, INTERTYPE,
TYPOGRAPH AND TYPECASTING MACHINES

METALS

PHONE US - - LEEDS 75520
WIRE US - - "METALS" LEEDS
WRITE TO US - JACK LANE, LEEDS, 10

T. G. & J. JUBB LTD.

The Winterbottom Book Cloth Co., Ltd.



Registered Office :

12, Newton St., Manchester

London Office :

60, Wilson St., Finsbury, E.C.2

Manufacturers of—

Bookbinders' Cloth, Label Cloth

Morocco Cloth, Buckram, etc.

Telegraphic Addresses :—"FLOVAL, MANCHESTER"—"FLOVAL, FINSQUARE, LONDON."

Telephone :—MANCHESTER : "CITY 4644"—LONDON : "BISHOPSGATE 7518 and 7519"

MAR 8 - 1934

Z
119
1386
THE BRITISH AND COLONIAL PRINTER AND STATIONER, February 22, 1934

PHOTO-ENGRAVING ISSUE

PROCESS BUY  **BRITISH COPPER**

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

THE BRITISH AND COLONIAL PRINTER

AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 278

LONDON: February 22, 1934

EVERY THURSDAY
PRICE THREEPENCE

KNOWN FAMILIARLY AS "POTS"



Holding a mass of sullenly motionless, molten lead, embryo form of a thousand forms—waiting to be urged and moulded by craftsmanly hands into the likeness of a dainty flower or a monster locomotive—it is plain that even the drab stereo holds its story of modern wonder—and achievement is mixed with the metal to create a Briggs stereo from a Briggs block.

BRIGGS • ENGRAVERS & STEREOTYPERS
TUDOR HOUSE • CHICHESTER RENTS • CHANCERY LANE • W.C.2 • PHONE • HOLB.3144 • 8

FRY'S SERVICE IS AS GOOD AS FRY'S METAL

Digitized by Google

PROCESS ENGRAVING SERVICE

LONDON

Name	Address	'Phone
ALEXANDER, GEORGE & CO., LTD.	39-40 Shoe Lane, E.C.4	Cen. 5801-2
ART REPRODUCTION CO., LTD.	3 & 4 Plough Court, E.C.4	Cen. 5555
AVERYS SERVICES, LTD.	37-41 Lower Marsh, S.E.1	Hop. 4027-9
BRIGGS, W. G., & CO., LTD.	Chichester Rents, W.C.2	Hol. 3144
BURLINGTON ENGRAVING CO., LTD.	318-326 Goswell Road, E.C.1	Cle. 7824
CHILDS, DAVID, LTD.	5 Great New Street, E.C.4	Cit. 3049
DALZIEL FOUNDRY, LTD.	19-31 Earl Street, Finsbury, E.C.2	Bis. 6742
DELLAGANA, B., & CO., LTD.	11 Shoe Lane, E.C.4	Cen. 2736
DIRECT PHOTO ENGRAVING CO., LTD.	38 Farringdon Street, E.C.4	Cen. 6886-1086
ELVIN ENGRAVING CO., LTD.	44 Gerrard Street, W.1	Ger. 2141
GARRATT & ATKINSON	Warwick Works, Ealing, W.5	Eal. 1760
GEE & WATSON, LTD.	111 Shoe Lane, London, E.C.4	City 7257-8-9
GROUT ENGRAVING CO., LTD.	4-7 Red Lion Court, E.C.4	Cen. 6421
HUDSON & KEARNS, LTD.	Hatfield Street Works, S.E.1	Hop 4900
KNIGHTON & CUTTS, LTD.	Denman Place, Piccadilly, W.1	Ger. 5231
MARSHALL ENGRAVING CO.	12 & 14 Farringdon Avenue, E.C.4	Cen. 4626
MURRAY & EADE, LTD.	40-1-2 Kirby St., Hatton Garden, E.C.1	Hol. 6421
NAPIER, F. C., & CO., LTD.	11 Baldwin's Place, E.C.1	Hol. 7711
NICKELOID ELECTROTYPE CO., LTD.	Printer Street, E.C.4	Cen. 9791
PRACTICAL ETCHING SERVICE LTD.	53-6 Great Sutton Street, E.C.1	Cle. 4861-2
RUMPH & WAITE, LTD.,	26-28 St. Bride Street, E.C.4	Cen. 3533-4
SEDGWICK, W. F., LTD.	7 Great New Street, E.C.4	Cen. 1756-8
STAR ILLUSTRATION WORKS, LTD.	D'Arblay Street, W.1	Ger. 3033
STRAND ENGRAVING CO., LTD.	83 Long Acre, W.C.2	Tem. 6311
SUN ENGRAVING COY., LTD.	Milford House, Milford Lane, W.C.2	Tem. 8251
SWAIN, JOHN, & SON, LTD.	89-92 Shoe Lane, E.C.4	Cen. 9333
VAUS & CRAMPTON, LTD.	31 Kirby Street, E.C.1	Hol. 2536
VITTY & SEABORNE, LTD.	132-5 Long Acre, W.C.2	Tem. 6389
WALTON, JONES & GREEN	43 Kirby Street, E.C.1	Hol. 2849
WATERLOW & SONS, LTD.	26 Great Winchester Street, E.C.2	Lon. 4008
WEST END ENGRAVING CO., LTD.	17 St. Anne's Court, W.1	Ger. 0655

PROVINCIAL

"ACE" ENGRAVERS, LTD.	65 Livery Street, Birmingham	Cen. 2072
DELLAGANA, B. & CO., LTD.	62 Greengate, Manchester	Bl'friars 5263
ENTWISTLE, THORPE & CO., LTD.	29-31 King St., West, Manchester	Bl'friars 5704-5
GILCHRIST BROS. LTD.	Claypit Lane, Leeds	Leeds 20463
HAMEL, E., & CO.	25 Palmerston Street, Nottingham	Nott'm 41547
NORTON, BURMAN, & CO.	7 Boar Lane, Leeds	Leeds 24447
THE BRITISH PHOTO ENGRAVING CO., LTD.	18 Hertford Street, Coventry	Coventry 4088

**MEMBERS OF THE FEDERATION OF MASTER
PROCESS ENGRAVERS CAN BE RELIED
UPON FOR EFFICIENT SERVICE FOR
ILLUSTRATION OF EVERY DESCRIPTION.**

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 278

LONDON : February 22, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

Most printers are finding themselves doing a very great deal of spadework these days for very small return.

* * *

The Old Days are Gone

EVEN on ordinary easy commercial or jobbing work, where orders used to come along regularly as repeats, there is competition to be reckoned with. Where two or three printers used to compete in a friendly sort of way, there are now half a dozen less friendly competitors, all striving to prevent each other from getting the business, or alternatively making it sure that the one who gets it will lose money on it. Each of the half-dozen printers makes his call, takes his particulars and has his office and works staff consume time and stationery working out estimates, typing the tender and posting it. Then there is the filing, the follow-up and the final decision. Six printers perform this ritual for one to get the order and lose on it. So long as it is only a commercial or plain jobbing inquiry, there is a great deal of spade-work going to sheer waste. The overheads of the printing industry are added to with the increase of effort called for in the necessity to meet modern conditions. Not many printers pause to realise this, firstly because they have no time for reflection in their urgent pursuit

of inquiry and greater stress of administrative routine; secondly, because they prefer not to face the true facts of their overheads.

* * *

Throwing the Profits Away

SPADEWORK, or "service" as it is called, is an infinitely more serious and costly business in regard to that modern sort of printing which comes under the heading of "publicity," "advertising," planned production, etc. In this sphere there is an enormous cost borne by the printing industry and a tremendous amount of labour, commercial art and skilled creation presented free to so-called buyers of printing. Those who are in the game know that there is

appalling waste through the methods of the present-day buyer, and appalling loss through the lack of understanding among printers. With a scarcity of orders in the works many offices are working doubly hard with too large a staff trying to meet the various demands, real and sham, imposed upon them. The less the work, the higher the cost; and, of cruel necessity, the lower the quote.

* * *

Our Unemployed Printers

AFTER the War, a movement was started in some of our printing schools to afford facilities for training and practice to returned soldiers whose careers in the trade had been interrupted

ON OTHER PAGES

	PAGE
Personalia	178
The Printing Section, B.I.F.—	
New Machinery and Supplies	180
P.M. & O.A. Manchester Centre	184
Adhesives—	
By James Taylor, B.Sc.	186
Printing Crafts Guild	190
L.S.C. Jobbing Guild	191
Applying Science to Printing	194
A New Illustrative Medium: Revival of Wood Engraving—	
By W. G. Briggs	196
Process Personalities—	
John Swain	198
Manufacturer, Artist and Engraver—	
Mr. Swann Pleads for Co-operation	199
London Young Master Printers—	
Visit to John Swain's Works	201
Printers' Cross Country Championship	202
P.P.C.: Manchester Auxiliary	202
Trade Notes	204
Science of Lithography	205
Commercial Review	206

by military service and whose prospects of getting back into their industry were not immediate. There is something of the sort in practice in regard to unemployed printers, but we are not aware of any serious attempt to deal with the problem on a sufficiently wide scale. It is obvious that the men who are suffering prolonged unemployment are losing their skill and their knowledge. There are young men just out of their time, thousands of them who are likely to lose their grip on their trade almost before they have mastered it. This means deterioration, probably progressive in its nature. Then, if by chance they get an offer of a job they lose it through lack of confidence, ability or practice. They are condemned as dud casuals without a chance to stay long enough to make good.

* * *

Cannot More Help be Given?

If the quality standard of the unemployed craftsman is kept up or improved, there is an infinitely

better prospect of work. Is there a means of using our technological institutions to even better advantage than at present by providing facilities on a bigger scale for day training and operational practising? There are some difficulties that might be insuperable, especially in the way of equipment and machinery demonstration, but a tremendous amount of good could be done through a wider provision of lectures, exhibitions and exercises. We should expect any such movement to be arranged and controlled by all parties concerned, and we should take it that attendance would not be just entirely voluntary in all cases. From the masters' side we are pretty sure that preference would be given to trainees when vacancies required to be filled or when extra help was necessary. We feel equally certain that men in training would feel a greater confidence in themselves and would the better maintain their self-respect. Above all, the day training and practice would have to be the step towards a job, not a device to fill some of their spare time.

PERSONALIA

Sir Harry Brittain, K.B.E., C.M.G., LL.D., has consented to preside at the fortieth annual dinner of the Readers' Pension Committee at the Connaught Rooms on Saturday, October 13th, when subscriptions will be invited on behalf of the Fund for securing pensions for aged and incapacitated correctors of the Press and the widows of correctors.

Mr. Robert J. Webber, managing director of the "Western Mail" and a former president of the Newspaper Society, is to be entertained at a congratulatory dinner in honour of his elevation to knighthood.


Mr. E. Lucas, retiring secretary of the Derby and District Master Printers Association, received a presentation at the Association's recent annual meeting and dinner at the hands of Mr. J. H. Simpson, chairman of the Association. The presentation was a bicycle, Mr. Lucas's own choice. He had held the hon. secretaryship for thirty-five years. Gen. W. Wright Bemrose, the president, expressed appreciation of Mr. Lucas's services.

Mr. J. M. Robertson, works manager of the "Newcastle Journal," was seriously injured in a motor mishap last week, being knocked down by a car.

Councillor James Griffiths, J.P., deputy Lord Mayor of Cardiff, will open on Saturday an exhibition of printed books set entirely on the Linotype, concurrently with the Welsh Book Festival at the Lesser City Hall, Cardiff.

Dr. G. L. Riddell, technical director of the Printing Industry Research Association will address the Trade Lithographic Section of the L.M.P.A. at Old Bailey next Tuesday afternoon on "Future Developments of the Printing Trade, with special reference to Lithography."

Dr. Riddell is to give an address entitled "How Applied Science Can Help the Binding Industry" before the next meeting of the Trade Rulers and Vellum Binders Section of the L.M.P.A., on April 11th, at Old Bailey.



ENERGY

FEDERATION OF MASTER

**PROCESS
ENGRAVERS**

USE MORE BLOCKS

MAKE THE MOST EFFECTIVE AND PROFITABLE
USE OF YOUR ADVERTISING OUTLAY

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS.

B . I . F

OLYMPIA • LONDON

February 19 to March 2 inclusive

SEE OUR UP-TO-DATE
EXHIBITS ON THE GROUND
FLOOR OF THE MAIN HALL

STAND No. B 4

Linotype and Machinery Ltd.

9 KINGSWAY, LONDON, W.C.2

THE PRINTING SECTION, B.I.F.

NEW MACHINERY AND SUPPLIES

Though the printing machinery section at this year's British Industries Fair shows no increase upon that at the Fair of 1933, it is, nevertheless of considerable interest and attractiveness. On many of the stands

display of printed pieces produced on L. & M. machines impressively showing the versatility of the firm's products both in printing and typesetting. Visitors to the stand show great interest in the punch-cutting machine



Printing and Typesetting Machinery Attractively Exhibited

are to be seen machines exhibited for the first time to the public, and some such models are claimed to incorporate changes of great importance. Even on the opening day we learned from many of the stands that, already, there had been many orders booked while promising inquiries had been numerous. The Empire Hall is entirely given over to printing machinery, stationery, paper, office requisites, etc. Brief reviews of a number of stands of special interest to the printer are here presented. Space does not permit a comprehensive account of the very numerous paper and stationery exhibits, which will, however, well repay a visit.

Linotype and Machinery, Ltd.

A notable exhibit on the L. & M. stand is a Miehle No. 4, which is seen at work equipped with built-out L. & M. back-separation automatic feeder and extended pile delivery. This machine, truly representative of the high-class presses manufactured by Linotype and Machinery, is attracting much attention. Another prominent exhibit is a model of the No. 6 S.M. Linotype. The All-Purpose Linotype is not on show, but there are specimens of slugs cast on the machine and specimen sheets indicating the wide casting capabilities of the machine.

A punch-cutting machine and type-cases and racks are included on the stand, whilst there is also a fine

display of printed pieces produced on L. & M. machines impressively showing the versatility of the firm's products both in printing and typesetting. Visitors to the stand show great interest in the punch-cutting machine

Dawson, Payne and Elliott, Ltd.

On this firm's compact stand are exhibited four notable machines—the "Meteor" high-speed printing press, the Diamond Ace guillotine, the "Standard" S.W.O. automatic Wharfedale printing press with new Perfection sheet delivery, and the "Rutherford" four-colour tube printing press.

The new "Meteor" press is the latest production of Messrs. Dawson, Payne and Elliott. It is easily operated, its cost of upkeep is low, whilst an outstanding feature is its easy accessibility. The construction of the machine has been carefully considered, and the result is a sturdy fast-running machine. An entirely new and patented sheet delivery is fitted. The four-colour tube printing press is one of a series of such machines which the firm manufactures for the metal decorating and allied trades. These machines have achieved considerable success in the United States, and are now being manufactured in this country. The new high-speed Diamond guillotine should attract much attention, particularly as it is fitted with a guard of unusual construction, rising from the table, not descending to the table as with most models. We understand that the makers are most satisfied with the favourable reception given to this guard.

PRINTING INK

AT THE B.I.F.

**PRINTING MACHINE SECTION
GRAND HALL STAND B. 83**

“SUPERSET” BLACK for letterpress printing solves machine room problems, providing for quick handling and elimination of set-off.

Rotogravure and offset in colour and monochrome.

New effects in letterpress to imitate photogravure. Metallic Inks

HIGH GRADE VARNISHES

LORILLEUX & BOLTON
LTD

ECLIPSE WORKS, TOTTENHAM HALE, N.17

CITY AND REGISTERED OFFICE :



31-34 CURSITOR STREET, E.C.4

Camco (Machinery), Ltd.

A large and well-equipped stand is presented by Camco (Machinery), Ltd. Nine machines are exhibited, including six folders. To the forefront of the stand is a model of the S.C. book and magazine folder, which is a new model exhibited for the first time. Considerable improvements have been effected on this model, including the introduction of vertical folding knives housed in slides instead of being carried on long dipping spring-controlled arms, also a patented sheet-turner which converts a parallel into a right-angle fold, and a collating device which gathers the sections into a complete book ready for sewing. Additional folding sections can be embodied in the machine to suit any requirements.

The "Camco-Rosback" automatic feed wire-stitcher forms another striking exhibit. This machine gathers any number of folded sections from two up to ten and puts any number of stitches up to ten into the book. A new waste-paper baling press is on view for the first time, and, like the other Camco models, is easy to operate and efficient. The folders on the stand include the tapeless "Cleveland" folders, whilst also shown is the "Henderson" guillotine guard.

Cundall Folding Machine Co.

Eight machines are included in a fine exhibit by the Cundall Folding Machine Co.—a wider range than they have shown previously. The exhibit of outstanding interest is an entirely new type of book folding machine, which has been developed during the past twelve months and incorporates many features novel in this class of machine. It is claimed to be the first folding machine fitted with ball bearings for all rotary motions, the only attention necessary being the use of a grease gun about twice a year.

The machine shown is of quad royal size, and the folds are arranged to make four cross folds, 32, 16 or 8 pages, also 32 or 16 page work two or more up, but it can be supplied in a number of sizes and with or without extra folding units. Automatic feeding is provided by fitting a Cross paper feeder, one of which is seen working coupled to this model. Radical alterations in the design and construction of the machine give a complete view of the sheet at every fold. The general accessibility and versatility of the machine are being effectively demonstrated. The other folders exhibited include a demy size Universal folder, a double demy E Universal, and several models of the smaller Cundall machines. One of these is a new model out this year, which folds a sheet 8 in. by 10 in. into one or two parallel folds up to 10,000 an hour.

Wm. Crosland, Ltd.

Featured on this firm's stand are the Crosland cutting, creasing and embossing press, and the "Advance" self-clamp guillotine. The former machine is particularly useful for showcard printers. It is claimed that folding boxes, showcards, calendars, figures, and all types of fancy cut-outs and embossing work can be done on the press, which can cut, score, crease (on two sides), perforate, and cold-emboss at one operation up to 1,600 impressions per hour. The machine is also specially equipped with safety devices.

The "Advance" guillotine exhibited is fitted with a safety guard. A feature of the guillotine is that the knife is hung at an angle in order to get maximum power with a minimum of strain upon machine and

motive power. Also on the stand is a varied display of specimens of dies for cutting and creasing for use on the cutter and creaser, and the firm's "one-piece" cutting formes. Displayed around the stand are a large variety of cut-outs which show the remarkable versatility of the machine. The press on the stand is seen in action cutting, creasing (on both sides), and embossing.

Williams Engineering Co., Ltd.

The well-known Nodis typecasting machine is shown on this stand. For the latest model it is claimed that the Nodis typecasting machine is the only typecasting machine on the market which will cast foundry type in a range of sizes from 3-pt. to 108-pt.; whilst also spacing material, borders, ornaments, etc., can be cast in the hardest metal obtainable. An exclusive feature of the machine is that the matrices of any slug-casting machine can be used on the Nodis. Specimens of the work which the machine does are also exhibited.

Hewitt Bros.

Printers' accessory equipment is prominently displayed on the stand of Messrs. Hewitt Bros., of London. Prominent among the exhibits are a new saw trimmer, which is shown publicly for the first time, also a Universal rotary routing machine, a flat casting box, a Reliance geared proof-press, and a Super Simplex type-high testing machine. Another useful machine on view is a 15 in. edge planing machine, which is capable of squaring blocks at the rate of eight to ten per minute, it being claimed to be the fastest machine of its kind. Another machine exemplifies a new style of roughing or block planing machine.

Yendall and Co.

The stand of this company is of course devoted to a display of the firm's Riscatype. The wide range of Monotype faces which Messrs. Yendall produce is well indicated in the numerous type-cases showing specimens of Riscatype. Moreover, printed specimens are on view, notable amongst these being the recently-issued 150-page catalogue. This catalogue is bound on the loose-leaf principle to provide for the addition of specimen pages issued subsequently. The latest Monotype faces are seen in this catalogue, also single type and strip borders, and metal rules. We understand that every specimen shown in the catalogue is held in stock both at London and Risca.

John Jardine, Ltd.

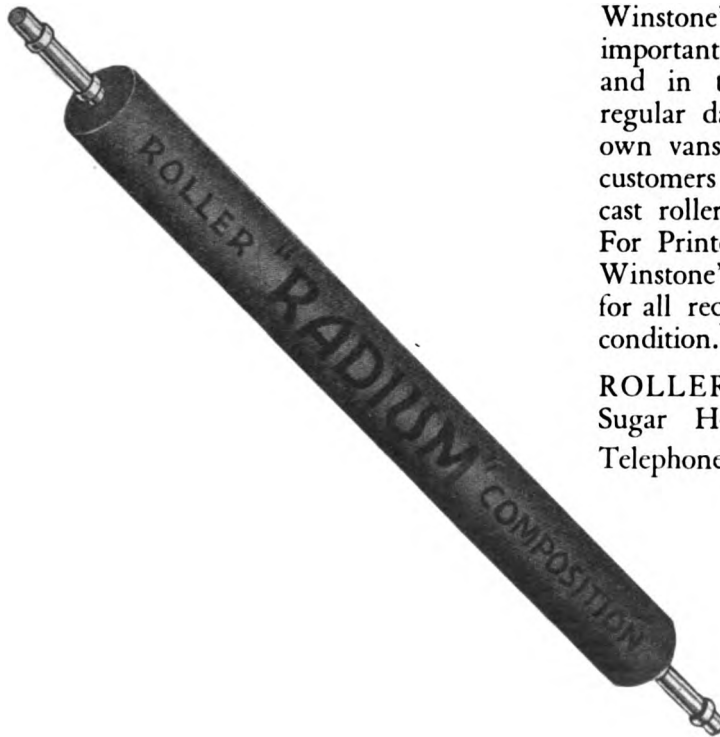
Six of the range of well-known Jardine platens compose the exhibit of this Nottingham firm. They demonstrate that practically any requirement can be satisfied by one of the range. The models exhibited are Nos. 3, 4, 7, 12, 14, and 21. This last is the largest shown and the newest model. It incorporates all the latest improvements, including adjustable roller tracks, dust-proof ink duct, flexible steel knife, and laying-on apparatus.

Hazell, Watson and Viney

A large and colourful exhibit has been arranged by these famous printers. One side of their stand is devoted to a display of Letts Quickref diaries. A further attractive section is that showing books completely printed and bound by the firm. A large variety of stationers' sundries which the firm manufacture are also displayed, including Relief pen nibs, advertising novelties and fancy leather goods, and stencil sets.



for EVERY CLASS OF MACHINE



Winstone's handle some of the most important contracts both in London and in the country. They run a regular daily delivery service by their own vans for the convenience of their customers in the London area. They cast rollers for every class of machine. For Printers casting their own rollers, Winstone's have compositions graded for all requirements and every climatic condition.

ROLLER CASTING WORKS:
Sugar House Lane, London, E.15
Telephone : - Maryland 3321



WINSTONE'S
Rollers

B. WINSTONE & SONS, LTD., WINSTONE HOUSE
150-152, CLERKENWELL ROAD, LONDON, E.C.1

Lorilleux and Bolton, Ltd.

A smart up-to-date stand, which effectively draws attention to recent progress in the manufacture of printing inks, is that of Messrs. Lorilleux and Bolton. Here ink-users can see many interesting examples of the latest successes in solving printers' ink problems, and inquirers find exceptional opportunity for obtaining expert technical advice.

Specimens of varnish, brilliantly lighted to show their beautiful clarity, are an outstanding exhibit, appropriately drawing attention to a vitally important product, for the high-quality manufacture of which a modern varnish plant is maintained at the firm's Tottenham works—an aerial photograph of which is another interesting item on this stand.

Prominence is given to specimen prints of Superset Blacks, an entirely new form of letterpress ink introduced a year ago, which we are told, proved an immediate success, because they economise time, provide for quick handling of work, and in many cases an improvement in quality. In letterpress colour printing there are shown an interesting range of impressive examples, including trichromatic work, and "Matinix" which are still very popular. The popularity of "Goldinix" and "Silverinix" is a tribute to their easy working properties at machine. And the new "Cellulinx" make it possible to print on celluloid with inks that dry quickly, and cannot be removed excepting by abrasion.

The range of the firm's activities on the lithographic side is very wide, and there is a comprehensive selection of exhibits of tinplate decoration. In offset colour printing, an illustration produced by the Vivex linked colour process calls for special mention. Printing on unusual materials, such as transparent cellulose paper, metallised paper, and metal foils requires special inks to ensure success, and the commercial examples are of particular interest. Photogravure printing is well represented by specimens of reel-fed work, colour printing, and particularly some of the more recent developments in gravure printing in metallic ink.

John Kidd and Co.

A very interesting display of printed specimens has been arranged on the stand of Messrs. John Kidd and Co. to exemplify the wide range of printing inks which they manufacture. Printing inks for almost all purposes are demonstrated, and some admirable effects are achieved. A new line in inks for printing on transparent cellulose paper can be seen perfectly printed on this difficult surface. The display exemplifies the research which is continually being carried on by the firm to introduce new lines and improve old ones. Various specimen books illustrate the capability of the firm's "Commerce" inks and the well-known "Mattopake" inks, these latter being oil inks which nevertheless print with a matt finish. Set-off eliminator, printer's rollers, and letterpress and litho varnishes are also exhibited. Messrs. Kidd's inks are adapted for varying climatic conditions, and the firm pay special attention to export packing.

Samuel Jones and Co., Ltd.

A great variety of paper and stationery goods are to be found on the stand of Samuel Jones and Co., Ltd. Gummed paper and tape, of course, are a prominent

feature, together with the sealing machines which are so important an adjunct. Useful demonstrations are being given as to how gummed paper can help business. Coated papers from Devonvale, including art, chromo, enamels, surfaces and metal papers, are among the Samuel Jones specialities. Window dressing and decorated paper and Peter Pan nursery friezes are also among the striking lines to be seen at this stand. Among the novelties is the "Truflite" dart, with flights ready gummed, and there are adhesives for all trades, passe partout materials, and a multiplicity of other useful lines. In addition, Messrs. Samuel Jones are agents for the Howard Smith Paper Mills, Ltd., the largest makers of fine papers in Canada, so that a visit to this stand will be very much worth while by all who are interested in paper and stationery goods.

John Dickinson and Co., Ltd.

A big range of papers, boards and stationery are to be found on the imposing stand of John Dickinson and Co., Ltd. Everything for correspondence is incorporated, including tasteful boxed stationery, cards, pads and the like. Branmoor covers are a new line in many fine tints. Envelopes and bags in infinite variety are a striking feature, including the latest wallet closing up in one operation and having the appearance of a private correspondence envelope. A development in postcards is the Duoprint, which with one additional printing gives a two-colour effect. Packing supplies, account books, gummed tapes, photographic albums are among the multitudinous output of the Dickinson mills and factories. A model paper machine will be noted with interest.

Sir Isaac Pitman and Sons, Ltd.

An attractive showing of their varied publications is provided by these well-known publishers. A representative selection of their technical and commercial textbooks indicates the wide range of industries and professions their publications cover, including, of course, the textbooks of Pitman shorthand.

Printers' Managers & Overseers Manchester Centre

The members of the Manchester and District Centre of the Printers' Managers and Overseers Association assembled in good numbers at the Mitre Hotel, Cathedral Gates, Manchester, on Saturday, Mr. John M. Galbraith (president) being in the chair.

The president read the minutes, and the secretary was almost silent and did not give the members encouragement to press for a report of the first meeting of the National Council, and the annual meeting of the management committee of the Superannuation Fund. He advised them to wait until they had read the official report, then at the March meeting they could fire questions at him and he would endeavour to give accurate replies.

After the general business, Messrs. John H. Nuttall and A. Bartlett lectured on a cruise they had enjoyed last July and early August. The description was humorous, the pictures excellent and the packed room of ladies and gentlemen enjoyed the trip.

WEE MAC.

HAMEL'S SPORTS
SERIES, Number 3

Straight to the point



It's the "depth" that makes a good process block! It's the HAMEL Service that makes the "depth." Here is the secret of success of this most efficient service. A trial order will convince you. Blocks in Multi-colour, Half-tone and Line; Electros and Stereos. An up-to-date Design Service is also a "striking feature." Use it and profit by it.

Telephone: 41547 (Two Lines).
Telegrams: "HAMEL, Nottingham."

E. HAMEL & Co.,

NOTTINGHAM.

ADHESIVES

As Used by Bookbinders, Showcard Mounters, Box-makers

etc.

By JAMES TAYLOR, B.Sc.

(Continued from page 169)

BONE GLUES

Bones consist of approximately water 51 per cent., fat 15.7 per cent., osseine 11.4 per cent., and mineral matter 21.9 per cent., and of these it is the osseine which contains the glue, and the treatment of the bones aims at the isolation of the osseine to the exclusion of the other materials.

Green bones on arrival are always crushed by means of heavy rollers fitted with cutters and screens to separate the different grists. The crushed material is then washed to remove the blood and extraneous matter, which will have a deleterious effect on the bone fat. Sometimes dilute sulphurous acid is added to bleach the stock and keep it sweet.

After crushing and washing, the bone fat is removed either by (i) the wet process, or by (ii) the solvent process. The former consists in boiling the bones in large autoclaves, but not for too long, after which the bone substance is removed and allowed to dry on canvas. The aqueous liquor containing the fat is run off into shallow vats, allowed to cool, and the fat is skimmed off and refined. Over 90 per cent. of the fat is recovered by this process. The solvent process is superior by far, but more costly, giving a yield of 99.9 per cent. It depends upon the continual treatment of the material with hot spirit, e.g., benzene, carbon disulphide, etc., in which the bone fat is readily soluble.

The next stage in the treatment of the bones is the removal of the mineral matter, chiefly calcium phosphate, by treating them with 10 per cent. hydrochloric acid, or 15 per cent. sulphurous acid, in large shallow vats till neutral, and the extraction is carried out by the "closed process" described above, under hide glues.

The remaining stages apply equally to bone and hide glues.

Filtration

The fourth stage in the manufacture of glue is the filtration. After extraction, the liquor is run into large shallow vats, and the temperature is maintained at 60 deg. C., when the grease rises and is skimmed off and the impurities settle to the bottom. The common impurities are undissolved organic matter, albumin and mucins, grease, hair and mineral particles. This suspended material is more rapidly removed by filtration in filter presses.

Among the common clarifiers are alum, followed by a small quantity of milk of lime, calcium sulphate, albumin, blood and oxalic acid. For really high-class gelatines egg albumin is used. The liquor is run into vats provided with a steam column and some means of agitation, the coagulating agent is added and the mixture agitated and heated till coagulation is complete.

The steam is turned off and the liquor allowed to cool for five or six hours, when a precipitate settles, carrying with it the suspended impurities.

Evaporation and Cooling

The fifth stage in the process is evaporation, and this is one of the most important stages of the process. Originally this operation was carried out in direct-heated metal vessels, in steam-jacketed pans, or in open vessels fitted with steam coils; but these appliances are now things of the past. In recent years considerable research work has been carried out by chemical engineers with the consequent development of vacuum pans, multiple-effect film evaporators, etc.; but it hardly comes within the province of this lecture to describe these appliances in detail.

The sixth stage of the process is the cooling, and strange to relate this is the stage which gives the most trouble to the glue manufacturer, on account of the extensive damage which may be caused to a batch of glue by liquefying bacteria. The actual organism, giving all this trouble, is the *B. Subtilis*, which is present in the air and whose spores are not destroyed at a temperature of 120 deg. C. To minimise damage from this destructive bacillus, the room in which the cooling stage of the process is carried out must be well ventilated, the air must be properly circulated, and the humidity regulated, also the temperature.

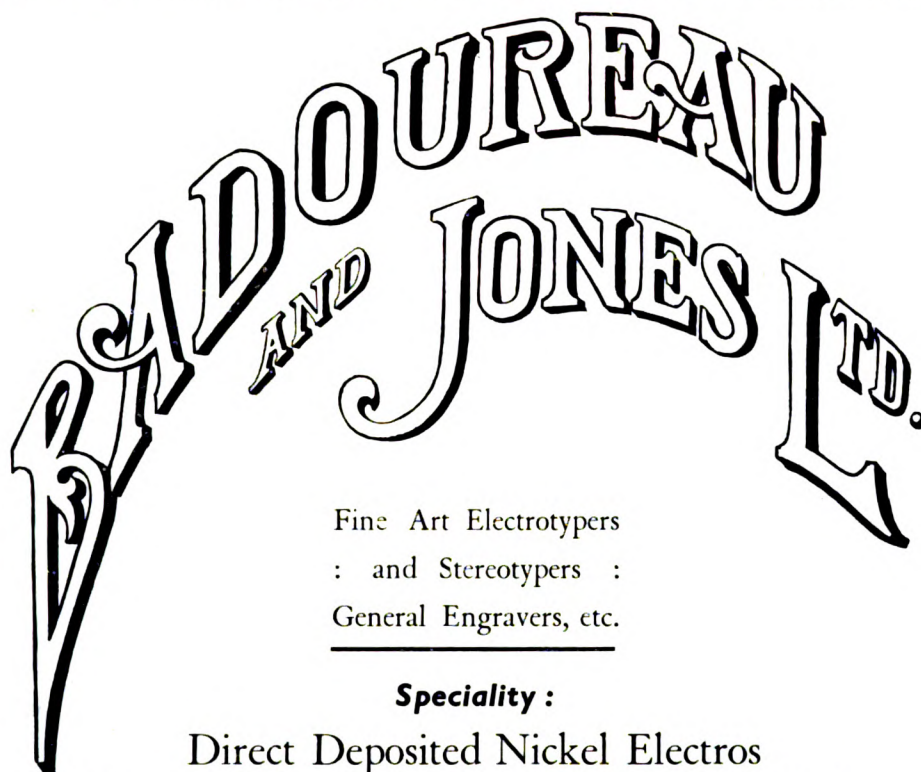
From the evaporating pans, the liquor is run into metal cooling pans made of sheet zinc, heavily galvanised iron or aluminium. The temperature of the room is maintained by means of a refrigerating machine at just a few degrees above freezing point, which causes the glue liquor to set to a jelly. It is important that the temperature be not allowed to reach freezing point, as frozen jelly is too hard to cut easily. If sulphurous acid has been added for bleaching in the earlier stages, the soluble sulphites formed are removed at this stage by means of hydrogen peroxide or other suitable oxidising agent. The jelly is then removed from the cooling pans by cutting or by exposure of the undersides of the pans to steam, and after cutting into thin sheets by machine or hand, it is laid on netting to dry.

Drying

This brings us to the seventh and last stage in the process, the drying. The drying is carried out either in well-ventilated lofts, screened from dust, at a temperature of 21 deg. C., or, alternatively, in long tunnels on racks mounted on trucks. Cool air is drawn through the tunnels in the direction opposite to that of the progress of the trucks.

Thundery weather is anathema to the glue manufacturer and many a batch is ruined in this last stage

Electrotyping



Fine Art Electrotypers
: and Stereotypers :
General Engravers, etc.

Speciality :

Direct Deposited Nickel Electros
(Nickel Deposited direct upon the Mould) for
Colour Work, Cartons and Cardboard Boxes,
Embossing Plates, &c.

POPPIN'S COURT, FLEET ST.
LONDON, E.C.4.

Telegrams:
Badoureau
Lud, London

Telephones:
Central 0246
Central 0247

Stereotyping

by thunder. The explanation is that the lightning produces ozone in the air, which in turn oxidises some of the constituents of the glue, and thus destroys its gelatinising and adhesive powers. The same influences are at work when at home in thundery weather we find difficulty in getting table jellies to set.

According to its quality, the purpose for which it is to be used, and the particular market in which it is to be sold, the jelly is cut so that when dry the glue or gelatine is produced in various shapes and styles. Among the principal types may be mentioned: leaf gelatine, sheet gelatine, gelatine glue or russian glue, scotch glue, medal glue or french glue, small cake glue or cologne glue, flake glue, and powder glue.

Before dealing with the applications of glue, I shall briefly review the various tests which are applied to glues to ascertain their quality and hence their suitability or unsuitability for any specific purpose. By this means, without being too technical, I hope to convey to you some of the properties of the different types of glue, and bearing these in mind we can all the better appreciate their applications.

Tests for Quality of Glue

In the first place, considerable information as to the quality of a glue may be obtained by a careful inspection of the sample. Good glue is of a firm, solid nature, free from cracks, translucent, and when fractured does not appear splintery. The colour should be light amber to dark brown, but never black. If a glue is light amber in colour it is probably a bone glue, while if brown it is usually a skin glue. If it is muddy or dark, this means that it contains some of the end products of hydrolysis and will be deficient in strength.

As a means of differentiation between bone and skin glues, the following simple test gives a good guide. Take 10 c.c. of a glue solution at 30 deg. C. and shake thoroughly with 2 c.c. of a 5 per cent. solution of alum. If gelatinisation takes place within one or two minutes, the glue is a skin glue. No change takes place in a bone glue.

One of the most important gauges of the quality of a glue or gelatine is a determination of its jelly strength, and various forms of apparatus have been devised to determine jelly strength, although quite good results can be obtained by the touch of the finger, comparing the sample under test against one or more standards.

If a 10 per cent. or similar solution of a glue be made up and set aside in a cool place a jelly is formed, and by feeling this jelly with the finger and comparing it with similar jellies made under the same conditions from standard samples of glue, a measure of the jelly strength is obtained. Generally speaking, the firmer the jelly, the better is the quality of the glue; but it is not sufficient to gauge a glue by jelly strength alone, as this property can be influenced by the addition of certain chemicals to the glue.

Another important measure of the quality is the viscosity or flowing power. An explanation of the meaning of viscosity is best explained by two examples. Treacle would be described as a liquid with a high viscosity, while benzene would be said to have a low viscosity. A determination of both the viscosity and the jelly strength gives a fairly good idea as to the

quality of a glue, but when it has to be used for purposes other than the sticking together of wood, it is as well to test it also for the following: acidity, liability to froth in solution, presence of grease, moisture content, and keeping qualities.

Now let us consider some of the applications of animal glues.

Waste of Glue in Bookbinding

In connection with glue, the first application which comes to you is naturally the bookbinding trade, and in this trade I think I am safe in saying that about 50 per cent. of the glue purchased is wasted.

In the first place, in this country most of the glue purchased by the bookbinder is either in the scotch shape or the medal, and for use has to be broken, commonly with a hammer, and here the first loss occurs.

Secondly, in using a glue one has to remember its origin and how it is made. For convenience of storing, handling and transport, glue is supplied in the dry form which we remember has been produced by drying a jelly, which in turn was formed by cooling a glue liquor. For use the glue has to be brought back to this glue liquor state, and it is in doing this that an awful lot of damage is done.

Right Preparation of Glue

First of all, the drying process of the manufacture should be reversed by soaking the glue, at least overnight, unless powder glue is used, in cold, not hot, water. During this process the glue will absorb three, four or more times its own weight of water, swell up, and more or less revert to the jelly state. The jelly and the water in which it has been soaked should then be warmed to about 60 deg. C., when the whole will pass into a homogeneous solution. Attempts are frequently made to accelerate the soaking by heating, and it is by so doing that the greatest damage is done. Application of heat in this state destroys the adhesive power of the glue. Similarly when dissolving the soaked glue, the temperature should not be allowed to exceed 60 deg. C., otherwise loss of adhesive power results. Glue should always be heated in a jacketed pan; never use a naked flame. It is in such mishandling of glue that the 50 per cent. waste referred to above takes place.

This lecture would not be complete without a passing reference to the manifold applications of glues and gelatines, but I do not propose to trouble you with more than the briefest outline of the applications with which you are not directly concerned.

Adhesives and "Binders"

The applications of glues and gelatines can be divided into two main groups defined in the trade as (1) adhesives and (2) binders.

The former class includes such uses as furniture manufacture and wood-working generally, bookbinding, plywood manufacture, veneering, etc. In all these the glue is used as an adhesive by means of which two surfaces or two separate parts of an article are held together.

The title of the latter class may be a little confusing to you, as no doubt the word "binding" immediately makes you think of bookbinding. In the glue trade a

binder, as distinct from an adhesive, is the description applied to an adhesive or cement used to bind together a large number of particles into homogeneous whole, e.g., the particles of powdered glass and chemicals in the head of a match. Amongst the largest outlets as binders may be mentioned water paints, paper, sized textiles, sandpaper, casting compounds, confectionery, photographic films and plates, etc. Every one of these applications demands a glue or gelatine of special quality and this is only obtained by the most careful chemical and mechanical control of the glue or gelatine at every stage of its manufacture.

Scotch, French, Russian, etc., Glues

To the uninitiated the shape of a cake of glue serves as a guide to its quality, but too much importance can easily be attached to the shape in which the glue is marketed. I have here a number of samples showing the different styles of cake produced. Many of the names applied are those of countries or towns, but these geographical names only denote shape and not country of origin. It is true that originally these names related to the origin of the glues, but nowadays Scotch, French, Russian and Cologne glues are all made equally well in all these places and in many others.

Scotch glue denotes a thickness of cake rather than a size. The common size is an oblong cake about half an inch thick, 9 inches long and 4 or 5 inches broad, but there are also large and small Scotch cake glues on the market which are about the same thickness but vary in the other dimensions.

French or Medal glue is the common style produced on the Continent, although it is also made here. Generally speaking, it is found as a square cake measuring anything from 4 to 8 inches on the sides and nearly always about $\frac{1}{4}$ inch thick.

Cologne or Small Cake glue is the same thickness as French or Medal glue, but only about one-third the width, the length being 4 to 8 inches. Cologne shape is the usual shape for skin glue although many bone glues are also marketed in this form.

Russian glue is a thin sheet, more or less like a sheet of gelatine and is used for higher grade skin glues generally but sometimes also for bone glues.

Stick glue is a special type of low grade glue, sometimes called Indian or Chinese glue, although never made in either of these two countries. It is sold to these markets for native use. No brush is used, the stick being simply dipped in water and rubbed across the surfaces to be glued. In less polite districts the native operator wipes the glue on his tongue and then applies the wet stick to the work.

Glue in Bookbinding

Bookbinding must be regarded as a real art, and not just as a method of preserving the pages from wear and tear. According to the class of work being produced, the grade of glue is to be carefully selected. The chemical and physical properties of the glue have to be taken into account in regard to the exact nature of the work being done.

Cloth bindings are dipped in glue and turned in at once. In this connection the acidity of the glue has to be taken into account. A glue containing a high percentage of acid may affect the colour of the covers, apart from possibly rotting the cloth. Many dyestuffs

Tell them why LARGER LABELS ARE WORTH WHILE



Point out to all your customers that large, gummed labels are excellent advertisements; cost very little more than plain, are seen at a greater distance by many more people and use more of the free publicity space on parcels.

PRINT THEM ON SAMUEL JONES NONCURLING GUMMED PAPER



STAND
No. B 7

There is a
**SAMUEL JONES
GUMMED PAPER**
Suitable for all known printing processes
GUMMED PAPER

is
**Easy to PRINT
Easy to STORE
Easy to USE**

SAMUEL JONES & CO., LTD.
BRIDEWELL PLACE, LONDON, E.C.4



and colouring matters fade or even change colour when brought into contact with even small quantities of acids, and therefore a glue with a low acid content is advisable for this class of work.

The question of flexibility also comes in. Some glues, particularly bone glues, when dry tend to become brittle, a condition which is fatal in the back of a book, particularly if it is to be opened and shut frequently. Both flexibility and low acid content are qualities found in a skin glue, and for this reason a medium class of skin glue, usually clear, is used.

There are also on the market a number of special made-up glues, known as Flexible glues. Regarding the composition of these preparations there is a considerable amount of secrecy, but generally speaking they consist of a mixture of one or more grades of skin glue with water and glycerine, the latter being added to produce increased flexibility. Other ingredients in small quantities are often added to produce additional special qualities.

For fastening the sections of the book together at the back, a less expensive glue may be employed, bone glue being generally used. The explanation of this is that the question of acidity causing fading does not usually arise, and bone glues as a class contain a much

higher percentage of acid than skin glues, and at the same time are only two-thirds the price or less.

In all the above I have only considered the various stages of bookbinding from the standpoint of hand work. If any process of the gluing is to be done by machine, an all-important point has to be considered in addition to the above. This point is the frothing quality of the glue. Many glues, when made into solution and stirred, even only gently, produce large quantities of froth. Frothing is fatal to most mechanical glue spreading processes, resulting in an uneven application or no application of the glue to the surface. Frothing can be reduced by the addition of a small quantity of tallow or other greasy waxen material to the glue solution, but care must be taken not to add too much or loss of adhesive power will result.

Printer's rollers are made up from a combination of high-grade hide glue and glycerine and some other substance, such as molasses or sugar, to give elasticity and springiness. Linseed oil is also frequently used, sometimes with the addition of rosin to improve the toughness. The addition of bismuth carbonate renders the rollers non-water absorbent, and the addition of formalin assists in keeping the roller firm and insoluble in water.

(To be continued.)

PRINTING CRAFTS GUILD

COLLEGE OF TECHNOLOGY, MANCHESTER

By the courtesy of Allied Newspapers, Ltd., the Guild are privileged this session to inspect their gigantic works. Parties of twenty-five take different dates, the first visit having been paid towards the end of January. Under the able guidance of Mr. J. F. Riseby the party were conducted to the "Creed" transmitting and receiving room, then to the composing room, where some 120 Linotypes were seen at work. The matter set, it was followed to the readers, making-up, moulding, stereotyping and press rooms. The whole organisation works smoothly and with a clock-like precision which must be seen to be believed.

Selectasine Screen Printing

An audience of more than 150 members and friends listened intently to Col. Mark Mayhew at a recent Guild meeting at the College of Technology, when the Selectasine screen printing process was explained and demonstrated.

Mr. John Taylor, in his introductory remarks referred to the developments in the process since the previous demonstration in the College.

Colonel Mayhew explained the nature, advantages and history of the process, and the demonstration which followed was in the hands of Mr. Haynes.

At the end of the lecture, Colonel Mayhew presented a portable Selectasine apparatus to Mr. C. E. Kerr (head of the Printing and Photographic Department in the College) for the use of the students, for which Mr. Kerr thanked him cordially.

A host of specimens on two sides of the room attracted a large part of the audience after the lecture. Printing on paper, card, plywood and glass was exemplified and of particular interest were the textile samples, showing beautiful coloured designs on the finest materials.

The Rotary Intaglio Press

On Saturday, February 3rd, Mr. B. A. Gooderham, of Linotype and Machinery, Ltd., gave a lecture on "The Rotary Intaglio Press," which he illustrated by drawings, specimens, and lantern slides. He dealt with the early efforts and subsequent improvements of the pioneers, with special mention of Karl Klic and his association with the Rembrandt Co., whose secret process has been the admiration of the printing world. With diagrams he explained the difference between half-tone and gravure with their tone values, in a manner easily understood.

The slides shown were chiefly of Intaglio machines made by Linotype and Machinery, Ltd. Special features of the simplicity and strength of these machines were pointed out, and the labour-saving gadgets from feed to delivery minutely described. The lecturer also dealt with plate etching, paper suitability—showing examples of printing on all qualities and surfaces from smooth to rough blotting—and the suitability of inks and their composition. No point was missed in this very admirable lecture. The president (Mr. E. Fisher) invited discussion, in which several members took part, and after the thanks of the Guild had been accorded to Mr. Gooderham, the specimens, plates, etc., were eagerly examined.

L.S.C. JOBBING GUILD

AN UNUSUAL ADDRESS

Members of the London Society of Compositors Jobbing Guild were treated to a unique address on Wednesday of last week, when their secretary, Mr. H. B. Naylor, delivered to them a series of "Random Jottings." To do this he took the Guild's name—The London Society of Compositors Jobbing Guild—and used every letter in the seven words to introduce small items of historical or technical interest to those present. There was thus presented a remarkable collection of gleanings of printing knowledge gained during a considerable experience in the trade, and almost every one of the forty-one "Jottings" was accompanied with an exhibit of some kind—many of which the members had never seen before—such as unusual type specimens, books of special interest, examples of fine printing, etc.

A Miscellany of Information

The time taken to prepare such a talk must have been considerable and necessitated the application of not a little ingenuity, e.g., there are eight letter o's in the title and to each one a different "Jotting" was attached. As was suggested after the address, many of the items, so briefly dealt with, would have formed

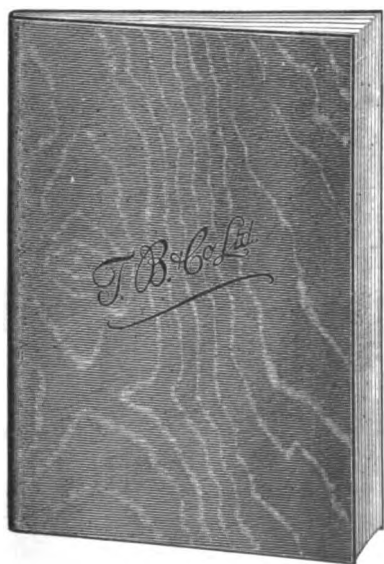
the basis for a complete lecture, and had certainly served to arouse members' interest.

As a brief indication of how the "Jottings" were introduced, it may be mentioned that the letter T was taken to represent Trajan Column, the inscription on which forms the basis of the Roman capital alphabet; then followed such others as L, layout; O, one-stroke lettering; C, Chinese printing; O originals; S, screen; and G, Gill (Sans). The names of many outstanding figures of the printing industry were included, such as Cochin, Derriey, Caxton, Franklin, Plantin, and also Jones (George W.), president of the Guild.

Without doubt the lecture included something of interest to everyone present, and enthusiastic interest was aroused by the fine set of exhibits. For the major part of the evening the long table presented a picture of members absorbed in examining and discussing the exhibits.

Mr. Smith proposed, and Mr. Whithead seconded, a cordial vote of thanks to the secretary for the enjoyable evening he had provided, and this was heartily carried. A similar motion was accorded the chairman, Mr. Davy, on the proposition of Mr. Murphy, seconded by Mr. Naylor.

ENVELOPES



Better Envelopes for your Customers !

The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines.

Post Free upon application, this is a handy means of reference for all engaged on selecting the right envelope for the right job.

THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.



*Hours of creative work...
then S.O.S. to the photographer... to the
photo engraver... to the electrotyper...*

AND

WHAT THEN?

OFTEN ENOUGH, advertising-printing which has occupied days in planning becomes "S.O.S." for reproduction. Orders are blue-pencilled "Rush"—and perfection is jeopardized.

We realise that this rush is often unavoidable—though it's far better to leave adequate time whenever possible—so that craftsmen can give of their best for the benefit of *your* work. But the effects of rushing can be minimised if you commission *Nickeloid*

with your *complete* job. Commercial photography and artist's work, process-engraving, electrotyping and stereotyping *really* under one roof make a deal of difference. Saves *you* bothersome detail and enables us to arrange the work so as to allow maximum time for each stage of the job.

Just one order to *Nickeloid*—and you can leave it to us to deliver the most efficient duplicates for the job.

WRITE FOR NICKELOID LITERATURE AND EXAMPLES OF ENGRAVING

NICKELOID

PROCESS-ENGRAVERS OF UNUSUAL SKILL AND BRITAIN'S FOREMOST ELECTROTYPERS AND STEREOTYPERS—ALSO PHOTOGRAPHERS AND ARTISTS

Nickeloid - produced ALBERT Galvanos and Nickeloids are the most efficient electrotypes you can possibly buy.

THE NICKELOID ELECTROTYPE COMPANY LIMITED, PRINTER STREET, LONDON, E.C.4.



APPLYING SCIENCE TO PRINTING

DR. RIDDELL CRUSADES

The services which the Printing Industry Research Association offers to its members were attractively outlined by Dr. G. L. Riddell, technical director of the Association, in a talk he gave before the South-East London Master Printers Association on Tuesday of last week at the Bridge House Restaurant, London Bridge. Mr. C. Errington, president of the South-East, presided, and also present were Mr. A. G. Jackson, secretary, Mr. W. J. Boyle (Central Districts), Mr. A. Suckling (E. & N.-E.), Mr. W. F. Willsher, from headquarters, also Mr. T. D. Hawkins, whom the president said they were all glad to see in recovered health.

Proposals for membership were put before the meeting, in respect of the Blackheath Press, and Messrs. Perry, Son and Lack. Both firms were elected as members.

Growth of Industrial Research

Dr. Riddell being called upon, he said in the first place that whilst most of them would realise in a general sort of way that scientific research was an aid to progress, he found that the aims and objects of the Printing Industry Research Association were very imperfectly understood. The P.I.R.A. was formed to provide for the printing and allied trades a scientific organisation which should undertake scientific research work into the technical problems which the trade encountered.

The War, he said, was the cause of our eyes in this country being opened to the fact that science could help industry, if industry would let it. It was decided that the best way to link science with any industry was to have a central body, staffed with scientific men. Since the number of firms in each industry was large, the cost per firm would be small. Since the War twenty-five such research associations had been formed. Some of the industries concerned were fairly new and had depended upon science for their birth and development, so that it was not surprising that they had found material advances from science. Other of the industries were older, and had been developed successfully without any conscious attempt to use science. Those industries, however, had found that if scientific knowledge was added to their accumulated craft knowledge a better product could be marketed or, alternatively, it could be produced at lower cost. That was a very important discovery.

Craft and Scientific Knowledge

There was no question of science replacing craftsmanship—the two were complementary, not comparative. If twenty other industries had found that to be so, it was certain that applied science in the printing industry would be beneficial—because there were few industries where science could play a more important part and where so little had yet been applied in a systematic way. Dr. Riddell here gave actual figures of savings which had been recorded by other industries due solely to their research associations, quoting the classic example of the electrical industry which had

saved about £14 million a year. It was practically certain, he said, that something similar to what was done in those industries could be done in the printing industry.

Dr. Riddell asked them if they had ever stopped to wonder how much waste there was in the printing industry or how that could be avoided. Speaking to a lithographer recently, whose firm was admitted to be one of the best in the industry, he had been told that it was estimated that £3,000 worth of materials and time was wasted in his firm yearly. They would be staggered if there were actual figures of the waste in the industry. He was certain that a good deal could be eliminated by correctly applied scientific research, which would have the effect of converting printing into a more certain process.

Services of the P.I.R.A.

The speaker now proceeded to deal with the P.I.R.A. indicating the various services available, and the work it undertook. First there was the study of printing processes and basic problems. How much did they know about printing? Very little. One fact had emerged which was beyond all dispute, that if they knew exactly what was going on in a manufacturing process they could nearly always eliminate difficulties

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and Italic)

GOTHIC, LINING
(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN
(light and 110)
IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

and make the process more certain. Dr. Riddell instanced the simplest of all printing processes—letter-press printing. He did not believe they knew much more about it than Caxton did 450 years ago. Their skill and knowledge of the engineering and mechanical side had increased considerably, but after all whether they used an old hand press or a modern high-speed press the printing operation was the same—of putting a film of ink on a forme, placing a sheet of paper on that forme and applying pressure. What happened when they transferred ink from one surface to another? If they knew that, they could improve printing immeasurably.

As further example of their lack of knowledge Dr. Riddell spoke of the drying of ink, lithography—which had not improved as such since Senefelder discovered it 150 years ago—and then of paper. It was, he said, a tribute to the honesty and skill of the ink-maker and paper-maker that they had as little trouble as they did. Nobody could say with certainty, however, how a particular ink and paper would act when brought together. If they knew enough about the physical properties of paper and ink they would be able to predict with certainty how every job would turn out. That certainty of work, so far as his Association was concerned, had not gone far, because of the lack of funds.

Further work which the P.I.R.A. undertook was the study of general problems in the industry. In this connection he mentioned the curling of bookcovers—which they had investigated and cured; the warping of boards—which they were reasonably certain they could stop. Other services of the P.I.R.A. were: members could send in their technical problems for investigation; the results of research in basic and general problems was communicated to the members by memoranda; information of research done abroad was also circulated to members; there was an inquiry bureau, which they found was particularly appreciated; in conjunction with the Printing Industry Technical Board they ran a series of lectures at Stationers' Hall; and, finally, there was available a library of scientific and technical reports on matters of interest to printers. Dr. Riddell mentioned that the annual subscription was only one guinea a year for a firm of fifty employees or under. He added that the Association was as much for the small printer as for the large, and that particulars of membership could be obtained from St. Bride Institute.

Paper Problems Discussed

Several present joined in the discussion which followed the lecture. In reply to Mr. J. Brigenshaw, Dr. Riddell said that the responsibility for the right ink and paper being used together rested with the printer. (Hear, hear.) The meeting was evidently in accord with Dr. Riddell when he said the methods of testing paper for printing required improvement, and that they (the printers) were interested in the physical properties, not the chemical constituents, of paper. In other words they wanted to be able to measure the "printability" of a paper. The reason the physical properties of paper were not made more constant was because they did not know what those properties were.

Mr. E. C. Keliher proposed a vote of thanks to Dr. Riddell, urging all to join the P.I.R.A. and preach its benefits. Mr. H. L. Norman seconded, and the proposition was cordially carried. Dr. Riddell briefly returned thanks.



**During thirty years of active business,
varied experiences—including obstacles—
are bound to leave an indelible impression
on principals and staff alike.**

**The accumulated knowledge is wisdom
in its truest sense, quite apart from book-
learning and spectacles perched on tips
of noses.**

**And there is a rare stock of wisdom for
you to sample and benefit from, between
the walls of K & C—where fine engrav-
ings, castings and settings are a habit.**

Knighton & Cutts Ltd

**Process Engravers, Photographers for Advertisers,
Typesetters, Electrotypers & Stereotypers · Denman
Place, Piccadilly, London, W.1 · Gerrard 5231 (6 lines)**

PHOTO-ENGRAVING

A NEW ILLUSTRATIVE MEDIUM

REVIVAL OF WOOD ENGRAVING

By **W. G. BRIGGS**

(Managing Director, *W. G. Briggs and Co., Ltd.*)

Wood engraving can give a unity to the printed page as can no other illustrative medium. This is its greatest qualification. As a decorative illustration in conjunction with good photography, a wood engraving approaches the ideal, as a whole that is at once practical and beautiful. For illustration where a facsimile



or a "natural" result is desired, it is perhaps in these days just a sentimentality. There are a dozen and one other mediums all of which place the wood engraving at a disadvantage in that field. But in the more decorative branches of the illustrative arts, wide indeed are its resources. Modern wood engraving has reached a high plane. It has developed a clean and sane "expressionism" that exploits the medium as never was it exploited before. To-day we near perfection. There is a discipline of natural contours that merges gracefully into the structure of design without being in the least bizarre.

A happy medium has been sought and found between the extremes of abstract cubism and the purely photographic. The subject, in wood engraving, may be idealised so that it may enter with concord into the spirit of the design; but it is always intelligible. Never does it ascend (or descend) out of reach to any but the

cultured few. In this new-found wood engraving style there is great scope. The artist can put down his conception: his imagination's translation of the things his eyes see—and be understood by the ordinary man.

Effective Adaptability

Wood engraving is capable of many moods. It can be delicate, robust, tortuous, or even abrupt. It can portray with a dozen savage lines the face of a tortured man, and can capture with careless grace the abandon of a classical dancer. But always it is the aristocrat. Though it may range from "Grand Guignol" to "Peter Pan" in subject, there is ever with it an atmosphere of breeding. Wood engraving has a tradition. It has, indeed, been by happy chance that the modern clean-limbed artistic ideals have found unity with a process of such venerable old age. There is a richness about first inventions, a simplicity that always pleases. In Anno Domini 1934 there are few centuries-old inventions which still endure in similar or slightly varied forms. It is pleasant to reflect that wood engraving is one of the rare few—not as a survival on account of its curiosity as an antique, but because of its intrinsic value and adaptability as a pictorial form.

Before this present revival the medium had been under a cloud. Fashion had temporarily abandoned it, and it languished in obscurity. The artists of the late nineteenth century were largely to blame for this. The bold convincing style of Thomas Bewick (the man who placed English wood engraving foremost in the world) had gone with his genius. Substituted was a wiriness of line, a "niceness" of manner, that entirely belied the medium.

We at Briggs are fortunate. We have as a member of our studio a great-nephew of Thomas Bewick. He promises to carry on the tradition of his famous ancestor. The inherited genius and inventiveness of Thomas Bewick allied to modern insight may well give birth to something really worth while.

It is no source of wonder that, with the passing of the Bewick style, wood engraving fell for a time by the wayside. Negation of all its best qualities decreed for it a temporary oblivion. This modern revival is a fortunate thing for us all. The dross of Victorian over-elaboration is rejected in these post-War years, and this reinvigorated medium is one of our rewards.

A Medium for Modernity

Modernity in art means real craftsmanship combined with imagination, sincerity and a brevity of statement.

We to-day have no time for frills. The post-War generation has not the inclination for fal-lals, it gets down to bed-rock. How the spirit has been assimilated by the artist may be judged by the work of B. Hughes Stanton, which illustrates D. H. Lawrence's "Ship of Death"; or the engravings in G. B. Shaw's "Adventures of the Black Girl in Her Search for God," by John Farleigh. Here is work pungent and clear in allegory, rhythmic and forceful in design. No book illustrations of the past fifty years have surpassed them. The illustrations, in combination with fine typography, made these books works of art; lifting them clean out of the rut (the text of the books, of course, we are not discussing here, only their appearance).

To advertisers, the medium should present many ideas. The wood engraving has a status all its own. For quality advertising it stands unique. This atmosphere of breeding and pedigree is easily passed on to commodity advertising which incorporates this style of illustration. Like associates with like in the public's mind. Quality goods must be supported by quality advertising. Where the subject lends itself to the medium, and all factors are favourable, wood engraving merits very careful consideration.

A word of warning. Like all distinctive mediums, wood engraving has its limitations. It needs an artist's restraint. It must not be placed in incongruous surroundings. An orchid would be lost in a bed of tulips. The simile is not exaggerated. That the wood engraving in very essence decorative must be understood. It calls for surroundings as dignified as itself.



Place it by anything that shouts, and like all true aristocrats, it retires into its shell.

The style is a rare one and is likely to remain so. Its technique calls for great skill and ability. The engraver must be craftsman, designer and artist—indeed, a *rara avis* in these days of mass production and the robot worker.

The Woodcut and the Wood Engraving

May it be pointed out that "woodcut" is not another term for "wood engraving"? The two represent different processes. The woodcut proper is cut on the side plank of a soft wood with a knife mainly, though gravers and gouges are also used. A woodcut is, therefore, considerably coarser than an engraving. The latter is executed on the end grain of a hard wood (box-wood generally) with a graver, professionally known as a burin, which usually has a diamond-shaped point. Many and various tools are used for tinting, while scorpers are used to engrave away large surfaces. Thus to call a wood engraving a woodcut, or *vice versa*, is merely a looseness and should be avoided.

There is one other method employed. This is the engraving of the design upon blacked scraper board, from which a process line block is made. The illustrations to this article were carried out by this method. The result is exactly the same as an engraving upon the wood, but it has the added advantage of being faster in execution and cheaper in cost.

PROCESS PERSONALITIES

JOHN SWAIN

Seventy-five years ago, one John Swain started in business at 266, Strand as a wood engraver. To-day his grandson—John Swain—is chairman of John Swain and Son, Ltd., Columbia House, 89-92, Shoe Lane, London, E.C.4, with works at Barnet and Glasgow and branches at Paris, Manchester, Bristol, and

chairman of the company in 1918, he became joint managing director with Mr. Dargavel. A few years ago, however, Mr. Dargavel was advised to take life more easily, and Mr. Swain became sole managing director. Mr. Dargavel has lately contented himself with his activities as a director of the firm. He is



JOHN SWAIN,
Grandfather.



JOHN SWAIN,
Grandson.



JOHN SWAIN,
Son.

Nottingham. They are photo-engravers and art-reproducers by all processes, with a high reputation for the quality of their work and business integrity. The factory at Barnet is an extensive one equipped with the most modern plant. Here the firm produces not only process engraving in colour but also photo-gravure and photo-litho offset.

Prior to the establishment of his own business, John Swain the elder had been in partnership with his brother Joseph. He was destined to be one of the pioneers of process engraving, which was soon to become the foremost illustrative process. The business was subsequently moved to 58, Farringdon Street, and finally to the present address, Columbia House, 89-92, Shoe Lane, E.C.4, some twenty-five years ago. John Swain the elder died in 1898, and unfortunately his son had predeceased him by two years. The present chairman of the company was at school when his father died, and did not join the company until 1916, becoming its chairman in 1918. There was thus a gap in the succession, and during this time the business was under the very able guidance of Mr. Andrew Dargavel.

As is well known, Mr. Dargavel has been largely responsible for the development of Messrs. John Swain and Son, Ltd. When Mr. Swain was appointed

regularly to be seen at Columbia House, where he continues to devote his great and distinguished experience to the welfare of the firm.

After leaving Bolt Court School, John Swain, wishing to have outside experience, joined the Direct Photo Engraving Co. in 1907, and was with that firm until he joined John Swain and Son, Ltd., in 1916.

John Swain is a great name in the photo-engraving world, and the present generation is a worthy "chip of the old block." He is a genial personality, little in the public eye. He has a cheerful temperament and a good humour not to be generally found in these harassing times.

It has been often said, and it cannot be too often repeated, that the photo-engraving business is in every respect a difficult one; but this makes little difference to Mr. Swain's invariable good humour. He is to be found every evening until a comparatively late hour in his office, so that it will be seen that he in no way shirks the responsibilities of his position.

He has for some years been a member of the Council of the Federation of Master Process Engravers, and is a most useful member of that body. Although he has never held office, he is a great believer in the principles

of the Federation, and keenly interested in its welfare.

He is a member of the Royal Motor Yacht Club and is an expert upon all types of water craft. He is also a good tennis player. He was a pioneer motorist. His first motor car was delivered to him in pieces and assembled by himself—no small achievement in the year 1902. Motoring was then an exciting adventure with thrills galore. Those were the days when the motorist was preceded with a man bearing a red flag; twelve miles an hour was speed, and Mr. Swain says

that if he went from his house at Tufnell Park to Barnet and back in a day, he had achieved something. The journey was frequently interrupted by breakdowns. Pneumatic tyres were not in existence then, and one usually arrived at one's destination in a shockingly grimy state.

John Swain is a very likeable individual indeed, and, although the bearer of one of the most distinguished names in photo-engraving, is entirely devoid of "side." He is a personality good to meet.

The Manufacturer, The Artist and The Engraver

Mr. Swann Pleads for Co-operation

The February meeting of the Process Engravers' Club, the London Section of the Federation of Master Process Engravers, was a notable one in many respects. During the evening a most interesting address was given by Mr. Edward Swann, chairman of the Association of Artists in Commerce, on "The Manufacturer, The Engraver and the Artist."

Mr. Andrew Dargavel, president of the Club, occupied the chair at dinner, and was supported by a large attendance of members. After dinner the annual meeting of the Club was held.

The re-election of the president was proposed by Mr. T. C. Eamer, hon. treasurer of the Federation, who expressed his personal pleasure at seeing so large a gathering. Mr. A. J. Bull, M.Sc., F.Inst.P., F.R.P.S., Principal of the Bolt Court School of Photo-engraving, seconded.

Mr. Dargavel said it was very kind of Mr. Eamer and Mr. Perry to propose him and of the members to wish him to serve again, but he thought that if they made a change it would be to the good.

Mr. F. E. S. Perry, vice-president of the Club, said there was no question about it; they wanted Mr. Dargavel as president, and they were going to have him.

Mr. Dargavel returned thanks for his election.

Mr. P. J. Bailey, vice-president of the Federation, proposed the re-election of the Club's vice-presidents, Messrs. F. E. S. Perry and E. W. Hunter. The motion was seconded by Mr. E. H. Atkinson and carried unanimously.

Mr. A. Knighton, secretary of the Club, proposed the re-election of the Committee and other officers *en bloc*. The motion was seconded by Mr. F. H. Carpenter and carried. The officers of the Club are as follows: Committee—T. C. Eamer, E. Bellingham, L. W. Dalton, T. S. Barber, J. T. Scrivens, G. S. Lines, W. G. Briggs, J. A. Corey; hon. secretary and treasurer, A. Knighton; joint hon. secretary, A. T. Hopkins.

Mr. P. J. Bailey, hon. auditor of the Club, presented a most satisfactory balance sheet.

Mr. Knighton gave a review of the meetings of the Club, and the chairman said how much they were indebted to Mr. Knighton for the work which he had accomplished, and to Mr. A. T. Hopkins also for his assistance.

This concluded the business meeting, and the chairman said he had much pleasure in calling upon Mr. Swann to address the meeting upon "The Manufacturer, the Engraver and the Artist."

The Barbaric in Art

In the course of his remarks Mr. Dargavel said he supposed he was getting a bit old-fashioned, but he admitted that he could not see much beauty in a lot of the cubist and cylindrical effects at present in use, the style of which emanates to a large extent from Germany. Dean Inge, in an address reported in a morning paper, had made reference to the somewhat barbaric trend of modern art:—"I heartily wish John Ruskin were alive now to scourge and scarify, as he alone knew how to do, the nauseous criticasters who, week by week, pour out their drivel in the name of "Art Criticism" in the pages of certain publications. They insult the Greeks; they insult the Italians; they insult our British painters. Instead, they talk about Negroid Art and give us pictures of the human form as delineated by the savages. These poor savages drew as well as they knew how. If they could have made a Greek or even an Egyptian statue they would have done so—and so we see new buildings disfigured by shapeless figures who appear to be suffering from elephantiasis."

It was interesting to recall, Mr. Dargavel proceeded, that there was an exhibition at present at South Kensington to mark the centenary of William Morris, a poet-painter who was said to have transformed the British home. He (the speaker) could not claim to be well acquainted with the work of William Morris, but he was quite willing to believe that he did a great deal to improve our schemes of decoration, our wallpapers, chintzes, carpets, pottery, furniture, etc. When they recalled the style of furniture which existed in Victorian days, they must admit that there was certainly room for improvement. The only mistake Morris seemed to have made was that he believed that the whole of the defects of our modern life and par-

particularly the contrast between "Rich men in slavery to Philistinism and poor men in bondage to penury," could be rectified if only the natural instincts of mankind towards beauty and art could take their place. He was afraid the natural instinct for art, particularly in this country, was limited to a comparative few, and that for the rest it was largely a matter of education.

He concluded by saying that as he had touched on those one or two points, they might perhaps expect to hear Mr. Swann make some reference to them in the course of his address.

A Plea to Photo-Engravers

Mr. Edward Swann then gave a most interesting address, which was a plea for more co-operation. The manufacturer, he said, was not an artist, he was not an engraver and, quite naturally, was only interested in selling his goods. The artist very frequently knew nothing about reproduction, and he blamed photo-engravers that artists were not given more information which would enable them to effect more suitable designs. He thought that photo-engravers should give artists information about their process. Very frequently the artist found that he had to deal with the advertising manager who was technically ignorant. He thought that it was a bad policy for them to talk about making better blocks, and rely upon that statement to sell more blocks; if the artist had more information he could create business for them. He disliked barbarity himself, but they had to be patient and realise that barbarity sometimes meant originality and very often genius. People who believed in that form of art were pioneers.

Mr. Swann referred to the art schools which were turning out boys and girls to be sound designers, but they wanted co-operation with the photo-engraver and a knowledge of his craft. There were certain colour combinations which could not be faithfully reproduced. He knew that; and they knew it; but it would save a lot of trouble if the information was made more general, because it frequently happened nowadays that the engraver was unable to get the effect asked for, causing worry, irritation and disappointment all round.

Value of Co-operation

Mr. Swann concluded with another appeal for more co-operation. The beautiful magazines of America and Germany, he said, showed that they had that co-operation in those countries. In this country advertising was still a muddle. It received a tremendous impetus soon after the War, and things were not yet straightened out; and in his opinion they would not be until there was more co-operation between the manufacturer, the artist and the engraver.

The chairman thanked Mr. Swann for his most interesting address.

Mr. A. E. Dent, secretary of the Federation, said that the Federation of Master Process Engravers had endeavoured to encourage the artist in a small way by taking an interest in the book illustration competition arranged by the Royal Society of Arts.

Mr. W. E. Barnard agreed with Mr. Swann that it was desirable that artists should have more information about photo-engraving. Mr. A. T. Hopkins also spoke to the same effect.

Mr. Swann having replied to the discussion, a vote of thanks was unanimously accorded to him upon the proposition of the chairman.

Mr. Edward Swann

Edward Swann is an artist to his finger tips. He was born at Stratford, and received his early training at the West Ham Municipal Art School, where he trained to be an art teacher. He became interested in advertising, and in 1919 began his first experience in that profession with Messrs. S. Schneiders and Son, for whom he started a publicity department with Mr. H. L. Selby. After five years, having had a thorough grounding in the applied arts of advertising, he joined the Amalgamated Publicity Services, and gained a practical knowledge of the direct mail side of the business. He became art director, and was later sent by them to act as assistant advertising manager to Messrs. C. and A. Modes. Turning his attention next to studios, he became a director of Castudio Ltd., eventually resigning from that position to take a post which, he thinks, provided his most valuable experience, that of art director with the Haycock Press. In 1932 he left that firm to form his own business.

Mr. Swann has for many years exerted his influence, often as adjudicator and lecturer, in the interests of bringing together master printers, engravers and artists to work in the best relations that their united efforts might lead to better work. He is, too, a member of the L.C.C. Hammersmith School Sub-Committee, which is an experimental committee consisting of men in all branches of the arts and crafts, which sits to advise the School in the selection of teachers.

In 1932 he founded the Association of Artists in Commerce, of which he was the first chairman, and whose aim is to furnish a representative body of commercial artists that could work in harmony with the master printers and engravers.

A Fellow of the Royal Society of Arts he is sincerely desirous of promoting art in industry. He is extremely interested in art students, who are the future commercial artists, and he has definite ideas about employment, believing in giving his subordinates due responsibility and comfortable and congenial working atmosphere. This is evident from the fine offices he has at 17, Fleet Street.

Overseas Trade

THE Department of Overseas Trade announces that printing machinery and accessories are amongst goods of which a British firm of importers in Shanghai desire to obtain the representation of United Kingdom manufacturers. (D.O.T. Ref. No. 101.)

BAGS FOR CANADA.—H.M. Senior Trade Commissioner in Canada reports that an importer in Quebec desires to be placed in touch with United Kingdom manufacturers with a view to importing on his own account 500,000 or over paper bags of all sizes, also papers and twines. Further particulars can be obtained from the Department of Overseas Trade, 35, Old Queen Street, London, S.W.1. (Ref. B.Y. 7745.)

London Young Master Printers

Visit to John Swain's Works

By the courtesy of Messrs. John Swain and Son, Ltd., a party of twenty-seven Young Master Printers visited the High Barnet works of the firm on Monday and spent a most interesting and enlightening afternoon. A coach was provided by the firm, and picked the party up at the Embankment at 1.45.

On arrival, the party was welcomed by Mr. John Swain, chairman and managing director, and Mr. Leslie Holt, director and works manager. They were then divided into three groups, at the head of each of which was a guide, and straightway commenced the tour of the works.

A start was made in the photographic studio, where the visitors were shown the intricacies of the use of powerful flood and spot lights, etc., also the manner in which trichromatic continuous-tone negatives are made. Thence the groups passed to the process camera department, where originals either in black-and-white or colour are photographed for the purpose of obtaining screen negatives.

The metal printing room was next visited, and then the party passed to the process department, where they witnessed the painting-out, burning-in, etching, and fine etching of all manner of block work. The party was impressed with the amount of foresight the etcher must exercise in his work. The photo-offset department was then entered and artists were seen at work on colour retouching negatives, also "printing-down."

Great interest was displayed in the offset deep process, and Mr. Holt had apparently made a special point of having a plate in readiness for making purposely for the Y.M.P.s. Later the party watched with keen attention the actual work being printed on the rotary offset machines. The photogravure department aroused the greatest interest. Negatives were seen in the process of being printed-down on the carbon tissue, and being contacted on the copper cylinder, and subsequently being etched out. Regrinding and polishing of the cylinders was also seen.

The Y.M.P.s were then entertained to an excellent tea, after which Mr. T. D. Hawkins, the L.M.P.A. organiser, called on Mr. J. H. C. Hubner, chairman of the London Y.M.P. Group, to propose a vote of thanks to Messrs. John Swain. Mr. Hubner said he felt sure he expressed the opinion of all present when he said they had had a most interesting tour, having seen all manner of processes under every-day working conditions. Everyone appreciated the efforts of Mr. John Swain and Mr. Holt in making the visit not only possible but so interesting.

Mr. Wright seconded the motion, and Mr. Holt, who replied on behalf of Mr. John Swain and himself, said they were particularly anxious to encourage the Y.M.P.s since they provided the master printers of the future.

SIEMENS-PLANIA ARC LAMP CARBONS

FOR PHOTO PRINTING, PHOTO PROCESS AND
SIMILAR TYPES OF LAMPS



Long Burning · High Actinic Value · Consistent Quality

SUPPLIES OBTAINABLE FROM ALL TRADE HOUSES

ADVERT. OF THE ELECTRICAL EQUIPMENT & CARBON CO., LTD., 107, New Oxford Street, London, W.C.1

Printers' Cross-Country Championship

Fast Times Recorded in Keen Race

The eighth team and individual five-miles cross-country championship race of the Printing and Allied Trades Charity Sports Association was held on Saturday from De Bohun's Farm, Southgate (the headquarters of the Highgate Harriers). Racing was exceptionally keen, and with the country on the light side some fine times were recorded. The event was supported by the presence of a number of well-known gentlemen connected with the printing and allied trades. Although the venue chosen for the race was quite free from fog, its presence in other parts of London unfortunately prevented a number of the usual supporters of this race putting in an appearance. The meeting proved entirely successful, but was marred by an accident to Mr. J. Griffiths (the president), who, on his way to De Bohun's Farm, caught his hand in the lock of a railway carriage door at Wembley Park Station, crushing the top of the little finger of the right hand rather severely. In spite of this accident Mr. Griffiths carried on cheerfully. He remained till the end of the racing. Others present included Lieut.-Col. C. D. Sheldon, D.S.O. (president of the Printing and Allied Trades Charity Sports Association), and Messrs. W. C. Jewell (hon. secretary Cross-Country), A. Sargent (gen. hon. secretary of the Association), B. W. Kirby, C. V. Oliver, J. Rowe, G. W. Knight, Wm. Fricker.

Thanks to Mr. W. C. Jewell (secretary of the Highgate Harriers) and his colleagues of the A.A.A., the timekeeping, the laying of the trail and other necessary duties were carried out most efficiently.

As already stated, some fast times were registered. G. W. Johnson (Jackson's Millboard and Paper Co.,

Ltd.) and C. W. Dockerill (London Paper Mills "A" Team) had a great race before Johnson got away in the last half-mile to win by a few yards in 30 mins. 29 secs.

Team honours again went to the London Paper Mills "A" Team with 11 points.

The results were as follows:—

Individual Race

	m.	s.
1.—G. W. Johnson (Jackson's)	30	29
2.—C. W. Dockerill (London Paper Mills "A")	30	30
3.—J. Gregory (Aylesford Paper Mills, the holder)	30	50
4.—H. J. Rogers (London Paper Mills "A")	31	1
5.—A. R. Shaw (London Paper Mills "A")	31	16
6.—J. Waters (Aylesford Paper Mills)	31	24

Team Placings

London Paper Mills, 11 points, 1; Aylesford Paper Mills "A," 16 pts., 2; Jackson's Millboard and Paper Co., 31 pts., 3; Aylesford Paper Mills "B," 44 pts., 4; "Daily Sketch," 56 pts., 5; "Evening Standard," 67 pts., 6; Amalgamated Press, 70 pts., 7.

Sealed Handicap

A. J. Robb (House of Dickinson), 1; R. Dent (Castle Press, Bedford), 2; F. W. Young, "Star," 3.

Novices' Race.—L. A. Vidler (Aylesford Paper Mills "B" Team).

At the tea in the Farm House subsequently, the prizes and trophies were presented by Lieut.-Col. Sheldon in the absence of Mr. Griffiths.

Printers' Pension Corporation

Manchester Auxiliary Formed

An Auxiliary has been formed in Manchester in connection with the P.P.C. which in future will be known as the Manchester and District Auxiliary, taking in a major portion of Lancashire adjacent to Manchester.

Mr. R. S. Johnson, of Messrs. Odhams Press, Ltd., is responsible for this effort, and he is being backed very strongly by his managing director, Mr. J. S. Elias, who is paying half of the life-memberships of all his staff who agree to go in for the scheme, and doubling all donations from those over age.

In Odhams Press offices alone they already have close on 300 members, and they anticipate having a membership approaching 2,000 for the Auxiliary before the end of the year.

Several committees are working to help to raise funds, and a ball has been arranged for April 20th, at which Lord Derby has promised to preside. There will also be greyhound matinees, Sunday theatre concerts, football matches, and a boxing competition.

Anyone who may be interested in any way should write direct to the Hon. Secretary, Mr. R. S. Johnson, Manager, Messrs. Odhams Press, Ltd., 2, Chester Street, Oxford Road, Manchester, who will give any information that may be required and requests the support of the whole of the trade for this particular effort.


Printers' Football Results

The semi-final of the Printing and Allied Trades Cup competition was played on Saturday (17th). The results were:—

Cannon House	7	v.	Cornwall Press	3
Oyez	7	v.	Waterlows	3


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. (Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. (Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.**
Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. Phone: Central 3839. "LIGHTS. EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czecho-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLLET," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPING CO., LTD., Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1, Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGHSPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. **NEWSPAPER (Speciality) and MAGAZINE ROTARIES.**

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: City 4943 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

TRADE NOTES

PARTNERSHIP has been dissolved between W. R. A. Francis and O. G. Greenway, printers, 12, New Meeting Street, Birmingham, under the style of "Ye Olde Meeting Press."

A RECEIVING Order has been made under the Bankruptcy Acts in respect of E. C. Mosedale, 10, Kingsway Mansions, 23A, Red Lion Square, Bloomsbury, London, printer's compositor.

MR. W. E. COTTON, 110, St. Mary's Road, Leyton, E.10, who is well known in paper and printing circles, is this week severing his connection with the National Paper Mills, Ltd., and Wycombe Marsh Mills, for which during the past four years he acted as London sales and export manager.

THE Alliance Box Co., of Orford Lane, Warrington, was fined £5 at Warrington Borough Police Court on Monday for not having a shaft of a printing machine fenced, as a result of which an employee was injured.

MR. G. J. CARTER, printer, carrying on business at Brook Lane, was fined two guineas and two guineas costs at Bristol Police Court last week for failing to securely fence a printing machine, and also illegally deducting amounts from wages for alleged bad work of two employees.

WE much regret to announce the death of Mr. David Carlaw, partner in the firm of David Carlaw and Sons, Ltd., Glasgow. His death occurred with startling suddenness.

MAJOR H. VANE STOW, O.B.E., V.D., who has died at the age of 82, was secretary of the London Master Printers Association from 1890 to 1910. On the formation of the Federation of Master Printers in 1901 he was appointed secretary, and later, owing to the growth of the organisation, he carried on the office jointly with Mr. E. T. Tomlinson.

THE death has occurred of Mr. Wm. Taylor, 77, for many years a journeyman compositor with the Powage Press Printing Co., of Apsley Guise, and Father of the Chapel for many years.

MR. CHARLES DIAMOND, editor of the "Catholic Herald," died in London on Monday at the age of 75. He had been ill for a considerable time.

THE death has occurred of Mr. Thomas Glass, of Gateshead, who for many years was employed in the Linotype department of the "North Mail," Newcastle.

MR. ROBERT D. WILKIE, Helensburgh, retired letterpress printer, left personal estate of £14,034.

"THE UNDERSTANDING OF THE WORKER'S MIND" is the title of a lecture which Dr. G. H. Miles, director of the National Institute of Industrial Psychology, will give before the West and North-West London Master Printers Association on Tuesday, at the Grafton Hotel, Tottenham Court Road, W.1. The W. & N.-W. Association's twenty-first anniversary dinner takes place at Pagani's Restaurant, on March 6th.

AN agent established at Vienna wishes to obtain the representation, on a commission basis, of United Kingdom manufacturers of printing inks for use on rotary machines in newspaper printing. D.O.T. Ref. No. 181.)

THE February "News Letter" of the Monotype Corporation, Ltd., provides interesting showings of a number of the latest Monotype type-faces. It contains a reminder to owners of the official Monotype specimen book that if any doubt exists as to the completeness of these two loose-leaf volumes, they may be sent back to the Corporation to be carefully collated and brought up to date. The owner's name and address should be carefully attached.

A DISTINCTIVE folder emanating from the Sun Engraving Co., Ltd., bears a front-page title "Photographing the Sun" upon a dark background against which is depicted an aeroplane apparently close to the flaming disc of the sun. The inside double-spread presents a fine aerial view of the Sun Engraving works. The whole is produced with the quality which one associates with this engraving house.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTO-TONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPLATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

SCIENCE OF LITHOGRAPHY

STATIONERS' HALL LECTURE

Lithographers and many who are interested in research in the printing industry gathered in good numbers at Stationers' Hall on Friday evening, when they heard a sustained plea for more systematic scientific research into lithography. The plea was the more compelling coming from a man only indirectly connected with lithography, namely, Mr. F. J. Tritton, B.Sc., A.I.C., F.R.P.S., manager of the process department, Ilford, Ltd., who took as his subject "The Study of Lithography as a Science." Mr. J. H. C. Hubner, managing director of Hubners, Ltd., presided, supported by Messrs. S. Hodgson, Frank V. Heywood, Mr. J. R. Riddell, and Dr. G. L. Riddell.

Mr. Hubner having welcomed all present and briefly introduced the lecturer, Mr. Tritton first reviewed the lithographic industry from the scientific viewpoint, drawing attention to the fact that since Senefelder invented and investigated the process there had been a conspicuous lack of systematic or organised research to unfold the basic principles and fundamental difficulties of the process. Mention was made of the scarcity there is of publications of instruction and guidance on the subject providing a systematic critical study of lithography. The speaker said that the changes which had taken place in the industry, when analysed, would be seen to have been mainly due to outside influences, while the process itself had remained much the same. Mr. Tritton told of the beneficial results of research in other industries, both

financially and practically, and put in a plea for the Printing Industry Research Association.

Important Experimental Work

In the second part of the lecture the speaker examined some of the experimental work which has been done concerning the fundamental problems of lithography, and dealt particularly with the work in which he has been personally interested. The various subjects thus dealt with were graining, oxidation, sensitising, etching or desensitising, two types of desensitisers, nature of the lithographic image, the photo-lithographic image, some requirements for the ideal lithographic ink, and dry lithography.

We propose to publish the second part of the lecture *in extenso*, beginning in our Lithographic Issue next week.

The meeting was thrown open for discussion and many present participated, including Messrs. F. W. Chelow, F. Ellerton, L. Linzell, H. Goodman, A. Kirk, A. T. Dobbs, J. M. McDowall, and Dr. Riddell.

Dr. Riddell proposed a vote of thanks to Mr. Tritton for his informative lecture, which Mr. R. B. Fishenden seconded, the latter urging the industry to find the financial resources so that the basic problems might be investigated.

The motion being heartily carried, Mr. Tritton briefly replied, proposing a similar expression of thanks to the chairman, Mr. Hubner.

NEW BRITISH PATENTS

Applications

- Aspinall, D. A. Hand printing presses. 1,687.
- Deckel, F., and Deckel Prazisions-Mechanik und Maschinenbau, F. Engraving machines. 1,208.
- Driscoll, S. J., Griffiths, W. G., and Quick, C. G. Inking mechanism for printing machines. 1,318.
- Freedland, L., and Freedland, M. M., and Drey, N. Printing inks. 1,516.
- Goss Printing Press Co., Goss Printing Press Co., of England, Ltd., and Smith, E. J. Printing presses. 1,497; 1,586.
- Griffith, M. J. Folding printing, etc., machines. 1,090.
- Jeyes' Sanitary Compounds Co., Ltd., Berchem, R. G., and Fisher, W. J. W. Cartons for interleaved paper, cloth, etc. 2,515.
- Riley, A., and Riley, J. Mandrels for use with printing rollers. 2,129.
- Servante, S. L. Loose-leaf binding method. 2,483.
- Shand, K. Cartons, etc., for cigarettes. 1,887.
- Tennant, W. J. (Grove, L. E.). Preventing offsetting from or smearing of freshly-printed surface. 1,596.

Specifications Published

1932

- Crowley, H. F. Machines for printing and moistening strips of adhesive paper and the like. 404,743.

- Horlick, O. P., and Harrison, C. J. Envelopes, bags, and the like. 404,777.
- Millie Patent Holding Co., Inc. Printing machines. 404,408.
- Robinson, Ltd., E. S. and A., and Beale, W. H. Packages, wrappers, and like containers. 404,444.

1933

- Adrema Maschinenbauges. Ribbon feed mechanism for the forme cylinder of a rotary printing press. 404,658.
- Fairweather, W. C. (Miller Printing Machinery Co.). Sheet-feeding devices. 404,903.
- Intertype Corporation. Device for releasing matrices from the magazines of a matrix-composing and type-line-casting machine. 404,575.
- Linotype and Machinery, Ltd. (Mergenthaler Setzmaschinen-Fabrik Ges.). Typographical composing and distributing machines. 404,546.
- Maschinenfabrik Winkler Fallert and Co., Akt.-Ges. Machines for casting stereotype plates and the like. 404,580.
- Millie Patent Holding Co., Inc. Printing machine. 404,534; 404,535.
- Mills, C. K. (Cross Paper Feeder Co.). Sheet-feeding machine. 404,902.

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 20s. 1½d., 19s. 10½d., 6½ p.c. 1st pref. 24s. 6d., 8 p.c. pref. 24s.; Amalgamated Press (10s.) 20s. 10½d., 7 p.c. pref. 25s., 24s. 9d., 4½ p.c. 1st deb. 104½; Argus Press Holdings 40s. 6d., 7½ p.c. pref. 24s. 4½d.; Associated Newspapers 28s., deid. (5s.) 20s. 4½d., 20s. 7½d.; British Glues and Chemicals (4s.) 4s. 1½d., 8 p.c. ptptg. pref. 23s. 3d., 22s. 9d.; Buff Book 25s. 3d., deid. (1s.) 1s. 1½d., 1s. 3d.; Daily Mirror Newspapers 5 p.c. gtd. 1st deb. 106, 106½; T. De La Rue 16s. 1½d., J. Dickinson 46s. 4½d., 46s. 6d.; Eyre and Spottiswoode 4½ p.c. deb. 100; Financial Newspaper Proprietors 6s. 3d.; Financial News 5 p.c. pref. 16s. 4½d.; Financial Times 7s. 7½d., 7 p.c. pref. 19s. 1½d.; Hazell, Watson and Viney 5 p.c. pref. (£10) 10½; Hutchinson 7 p.c. 1st pref. 16s. 6d.; Hutchinson Printing Trust 7½ p.c. pref. 16s. 3d.; Illustrated Newspapers 6s. 9d., 6 p.c. deb. 90; Industrial Newspapers 7½ p.c. pref. 8s. 9d., 8s. 6½d.; International Linotype 24s., 23s. 1½d.; Kelly's Directories 57s., 6 p.c. pref. 27s. 1½d., 7½ p.c. pref. 30s. 3d., 5 p.c. 1st deb. 106½; Lamson Paragon Supply 23s. 9d., 5½ p.c. pref. 23s., 22s. 9d., 10 p.c. pref. 30s.; London Express Newspaper 7 p.c. pref. 23s. 4½d., 23s. 1½d.; G. Newnes (10s.) 28s. 3d., 5 p.c. 1st pref. 21s. 6d., 7 p.c. 2nd pref. (10s.) 12s. 9d.; Odhams Press (4s.) 8s. 10½d., 9s., 6½ p.c. A pref. 23s. 6d.; C. A. Pearson 5½ p.c. pref. 20s. 3d.; Portsmouth Newspapers 5 p.c. pref. 20s. 10½d.; Sunday Pictorial 42s. 6d., 42s. 9d., 8 p.c. pref. 28s. 7½d.; R. Tuck 15s., 15s. 9d., 5½ p.c. pref. (£5) 90s.; United Newspapers 7½ p.c. pref. 3s. 11½d.; Waterlow and Sons 17s. 6d., 18s. 4½d., 6½ p.c. prefd. 24s. 3d., 4 p.c. pref. 18s. 6d.; Weldons 10 p.c. prefd. 21s. 9d., 21s. 1½d.; Wyman and Sons 6 p.c. pref. 10s. 4½d., 10s. 10½d.

Dividends and Reports

CASSELL AND CO. (HOLDINGS).—Report states that during 1933 two tax-free dividends have been received from Cassell and Co., amounting to £5,700; balance brought forward £197, transfer fees £15, making £5,912; deduct expenses, including fees, leaving £5,732. Dividends on 7½ per cent. cumulative preference shares, amounting to £5,625, leaving to be carried forward £107.

New Companies

J. AND A. CHURCHILL, LTD.—Capital £150,000 in 100,000 6 per cent. cumulative preference shares of £1 each and 100,000 ordinary shares of 10s. each; to acquire the business of publishers and booksellers

S P I C E R S

LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

formerly carried on by J. and A. Churchill, and the premises, stock in trade and other property, used in connection therewith, and to adopt an agreement with Sir John Jarvis, Bt. Subscribers: George Conrad and John T. Slattery. Solicitors: Clifford Turner Hopton and Lawrence, 81-7, Gresham Street, E.C.2.

LICHFIELD MERCURY, LTD.—Capital £10,000 in £1 shares; to acquire the business of printers, proprietors and publishers of the newspaper known as the "Lichfield Mercury" and other newspapers carried on by the legal personal representatives of R. J. Bowen, deceased, at 36, Bird Street, Lichfield, Staffs. First directors: Francis H. Argyle, Fred Garratt, Herbert W. Harston, Fred Moseley, William T. Olver and William E. Pead. Solicitors: Argyle and Sons, Tamworth, Staffs.

YOUNGMANS (COUNTY PRESS), LTD.—Capital £1,000 in £1 shares; printers, stationers, lithographers, etc. Private company. First and permanent managing director: Frank Youngman (28, Harlech Street, Leeds).

PEACOCK PRESS, LTD.—Capital £500 in 1s. shares; fine art and general printers, wholesale and manufacturing stationers, etc. Private company. Directors: Arthur A. Combe, Guy F. J. Combe and Edward S. Bates. Registered office: 5, Ave Maria Lane, Ludgate Hill, E.C.4.

BAYNARD PUBLISHING CO., LTD.—Capital £200 in £1 shares; printers, bookbinders, newsagents and publishers, etc. Private company. First and permanent directors: Jas. H. Blackmore (chairman) and A. B. Clayton. Registered office: 102/105, Shoe Lane, E.C.4.

EMBOSSED SHOWCARD APPLIANCES, LTD.—Capital £100 in £1 shares; manufacturers of and dealers in embossing machinery and appliances, printers' machinery, rollers, inks, paper, varnishes, colours, wipers, types, blocks, etc. Private company. First director: Arthur T. Pearson ("Silverdale," Hawksworth Road, Horsforth).

PUBLICATIONS FROM PALL MALL, LTD.—Capital £2,000 in £1 shares; printers, engravers, publishers, bookbinders and art journalists, newspaper and magazine proprietors, etc. Private company. First directors: Percy S. Bysche and Sidney M. Liddell. Registered office: 11, Suffolk Street, Pall Mall, S.W.1.

G. R. FOWLER, LTD.—Capital £1,000 in £1 shares; stationers, printers, librarians, dealers in fancy goods, etc. Private company. Directors: Geo. R. Fowler, Mrs. Mabel L. Fowler and Edith Fry. Registered office: 9, Windsor Parade, Chesham Common Road, Worcester Park, Surrey.

BUNHILL PUBLICATIONS, LTD.—Capital £3,000 in £1 shares; proprietors and publishers of newspapers, etc. Private company. Subscribers: J. Kinnear and C. R. Churchill. Registered office: 1, Broad Street Place, E.C.2.

BLACKSHIRT, LTD.—Capital of £100 in £1 shares; to produce, print, publish and sell the paper known as the "Blackshirt" and to carry on the business of publishers, newspaper proprietors, etc. Private company. Directors: Dr. Robert Forgan, Rex Tremlett, Alexander R. Thomson and George J. N. Tabor. Registered office: 33, King's Road, Chelsea, S.W.3.

BRITISH RESORTS PUBLICITY, LTD.—Capital £2,000 in £1 shares (1,000 7 per cent. non-cumulative preference shares, and 1,000 ordinary); publicity agents, advertising agents and contractors, printers, publishers, etc. Private company. Permanent directors: Anthony W. Lewis and Albert E. Barrington. Solicitors: Jacobson Ridley and Co., Winchester House, Old Broad Street, E.C.2.

J. W. BINNS, LTD.—Capital £500 in £1 shares; to acquire the business now carried on by John W. Binns, at 24, Ruabon Road, Wrexham, and to carry on the business of newsagents' supply, stationers, printers, etc. Private company. Directors: John W. Binns (11, Poyser Street, Wrexham), and Albert W. Stephens.

PASTIME JOURNALS, LTD.—Capital £100 in £1 shares; newspaper, magazine and periodical proprietors, etc. Private company. Subscribers: Ian L. Douglas and Robert F. Maclean ("Hillrise," Meigle, Skelmorlie, Ayr).

Mortgages and Charges

COURIER PRINTING AND PUBLISHING CO., LTD. (15, Mount Pleasant Road, Tunbridge Wells).—Issues on July 31st, 1933, of £3,000 and on January 24th, 1934, of £2,000 debentures, parts of a series already registered. (Particulars of issues filed February 9th, 1934.)

G. W. WARDMAN, LTD. (printers, publishers, stationers, etc., the Wynd, Letchworth).—Debenture, dated February 2nd, 1934, to secure £65 and further advances, charged on the company's undertaking and property, present and future, including uncalled capital. Holders: H. Warren and T. B. Bainbridge, Broadway Chambers, Letchworth, Herts.

MARTIN BILLING, SON AND CO., LTD. (printers, etc.).—Mortgage on 161 and 163, Hospital Street, Birmingham, dated February 5th, 1934, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., not exceeding £2,600.

MARTIN BILLING, SON AND CO., LTD. (printers, etc., 161, Hospital Street, Birmingham).—Satisfaction to the extent of £4,700 on February 2nd, 1934, of mortgage dated December 1st, 1928, and registered December 4th, 1928.

S. GLOSSOP AND SONS, LTD. (printers, etc., 24, New Street, Cardiff).—Particulars filed of £5,000 debentures, authorised by resolu-

Comps LTD.

**LINOTYPERS
TO THE TRADE**

**LET US
QUOTE**

The extra efficiency we are able to give you, an **ever-ready DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something.

And our price, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade**.

Some of our type faces:

14pt. Cheltenham Wide with Cheltenham Bold.

12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).

12pt. Kennerley and Italic.

12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.

12pt. Modern with Doric and Italic.

11pt. Scotch and Italic. 10pt. and 8pt. Cheltenham Wide and Italic.

10pt. and 8pt. Book-print and Cloister Bold.

10pt. and 8pt. Garamond and Italic.

10pt. Modern and Italic. 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.

9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1
HOLborn 2253**

This column is set in our Metroblack and Metrolite Series

tions of December 18th, 1933, and January 17th, 1934, charged on the company's undertaking and property, present and future, including uncalled capital (if any), the amount of the present issue being £4,100.

JONES AND BROOKS, LTD. (printers, etc., Market Street, Shaw, Lanes).—Debenture dated February 1st, 1934, to secure £200 and further advances not exceeding therewith £400, charged on the company's undertaking and property, including uncalled capital (subject to a debenture). Holder: U. Taylor, Hillside Bungalow, Shaw, Lanes.

HOPKINS AND BAILEY, LTD. (printers, etc., 38, Summer Hill Street, Birmingham).—Particulars filed of £3,000 debentures, authorised February 5th, 1934, charged on the company's undertaking and property, including uncalled capital, the whole amount being now issued.

B. DELLAGANA AND CO., LTD. (engravers, etc., 1, Farringdon Avenue, E.C.4, and Manchester).—Particulars filed of debentures not exceeding £4,000, authorised January 3rd, 1934, charged on the company's property, present and future, including uncalled capital.

JONATHAN HOPKINS, LTD. (paper bag manufacturers, etc.).—Mortgages and charges dated April 12th, 1919, to May 20th, 1926, charged on properties in Buglawton, Congleton, subject as to parts thereof to certain charges (properties acquired July 20th, 1927), on which £6,000 was owing on November 1st, 1929. (Now registered pursuant to Section 91 of the Companies Act, 1929.) Mortgagee: T. S. Warrington, Bridge Street, Congleton, Ches.

ROMEIKE AND CURTICE, LTD. (press cutting and advertising agents, etc., 35, Shoe Lane, E.C.).—Deposit on January 19th, 1934, of leasehold deeds of 6, Ludgate Circus Buildings, E.C., to secure all moneys due or to become due from the British International Addressing, Ltd., to Westminster Bank, Ltd., not exceeding £1,000.

Receivers Appointed or Released

SETCHELL AND CO., LTD. (advertising agents, etc., 14/18, High Holborn, W.C.).—W. J. L. Long, of 44, Bedford Row, W.C.1, was appointed receiver on February 7th, 1934, under powers contained in debenture dated June 11th, 1931.

TENDERS

TENDERS to be delivered before noon on Thursday, March 8th, 1934, are invited for supplying printed Manilla and Cloth Labels—Groups 932 and 933.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1, or to the Superintendent H.M. Stationery Office, 26, York Street, Manchester.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

AUTOMATIC FEEDER, 33in. x 22½in., two pumps, back blast, well-known make. Reasonable offer taken.—Apply Box 16167.

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

MAGAZINE for Linotype Model 1. Had little use. Offers.—Printer, Talbot Place, Trafford Bar, Manchester. 16176

QUAD DEMY Wharfedale, flyers, geared inkers, disses, etc., in good condition. Also Double Demy "Summit" Fine Art Machine.—Box 16159.

TYPOGRAPH Composing Machine, Model A, first-class condition. Moderate price.—Box 16178.

BUSINESS

GENUINE Jobbing Printing Business; practical man's ideal; good-class work; modern plant; sacrifice; £550.—Box 16171.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hard-wearing RISCATYPE. 15732

3 CWT. Metal Gas Pot, by Falkirk Iron Co. Good condition. £3 f.o.r.—Innes, Cupar, Fife. 16169

WE have for disposal several used "PARKER" MOUNTING BOARDS in good condition. Height suitable for Electros or Stereos. Several Royals and Double Demys, intermediate sizes from Crown Folio to extra Quad Demy. What Offers?—W. S. Cowell, Butter Market, Ipswich. 16177

**THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.**

PHONE
GERRARD 3664 (4 LINES)
The
**WEST END
ENGRAVING
COMPANY LTD.**
17, ST. ANNE'S CT.
WARDOUR ST. W.

WANTED

SITUATION VACANT

PRINTING AND LITHOGRAPHY.—We have a vacancy for a well-educated experienced man as a REPRESENTATIVE in London area or Eastern Midlands. Excellent prospects.—Apply stating age and salary required to Secretary, W. S. Cowell, Ltd., Butter Market, Ipswich. 16154

SMART young man required for a large firm of Printers and Stationers. Knowledge of machinery costs and factory oncosts essential. Must have initiative and be able to point out possible economies in labour, materials, power, etc. Man with knowledge of trade preferred.—Apply stating age, experience, salary desired, etc., to "Printing," Wm. Porteous and Co., Advertising Agents, Glasgow. 16174

SITUATIONS WANTED

GUILLOTINE and Warehouse Hand seeks situation. Any class of work or machine.—Box 16170.

H. WHEELER, LTD., Weymouth, recommend Improver, Comp.-Machinist, age 21. General Jobbing and Display; Platen and Wharfe. 16179

MINDER seeks situation. Two-revolutions and Wharfes.—R., 18, Grenfell Road, Mitcham, Surrey. 16156

THE Printers' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

WHITE Paper Warehouseman seeks sit.—G. Sheridan, 15, Nelson Avenue, Tonbridge. 16163

MACHINERY AND PLANT

FOOLSCAP F. CYLINDER, Treadle. Give specification and cash price.—Box 16149.

WANTED.—Small STEREO PLANT.—2, Westbourne Grove, Sale, Ches. 16175

WANTED to purchase, small Paper Embossing Machine. Full particulars with width of Roller to—Box 16155.

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

BLOCKMAKERS

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm



ENGRAVERS

FOR GOOD SERVICE

MARSHALL

ENGRAVING CO. LD. CENTRAL 4626
12 & 14 FARRINGTON AVE. E.C. 4 LINES

**ARTISTS
PHOTOGRAPHERS
PHOTO ENGRAVERS**

GOLD PRINTING INKS



PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678

Telegrams : "Printauct, Fleet, London"

Fire Loss Assessor—Newspaper Valuer—Rating Surveyor

CONTRACTORS FOR OVER SIXTY YEARS TO H.M. PRINTING OFFICES,
HON. BOARD OF INLAND REVENUE AND THE PRINTING TRADE GENERALLY



Registered Trade Mark

Established 1868

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
An extensive and up-to-date Plant enables all orders to be dealt with promptly.

Compositions

for Home & Export in grades to suit all requirements. None but the finest and MOST SUITABLE materials are used. Look for the Trade Mark, as above, on every slab. Obtainable through all Importing Houses.

"THE DURABLE" PRINTERS' ROLLER CO., LTD.

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

PROCESS BUY  **BRITISH COPPER**

THE BRITISH AND COLONIAL PRINTER

AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

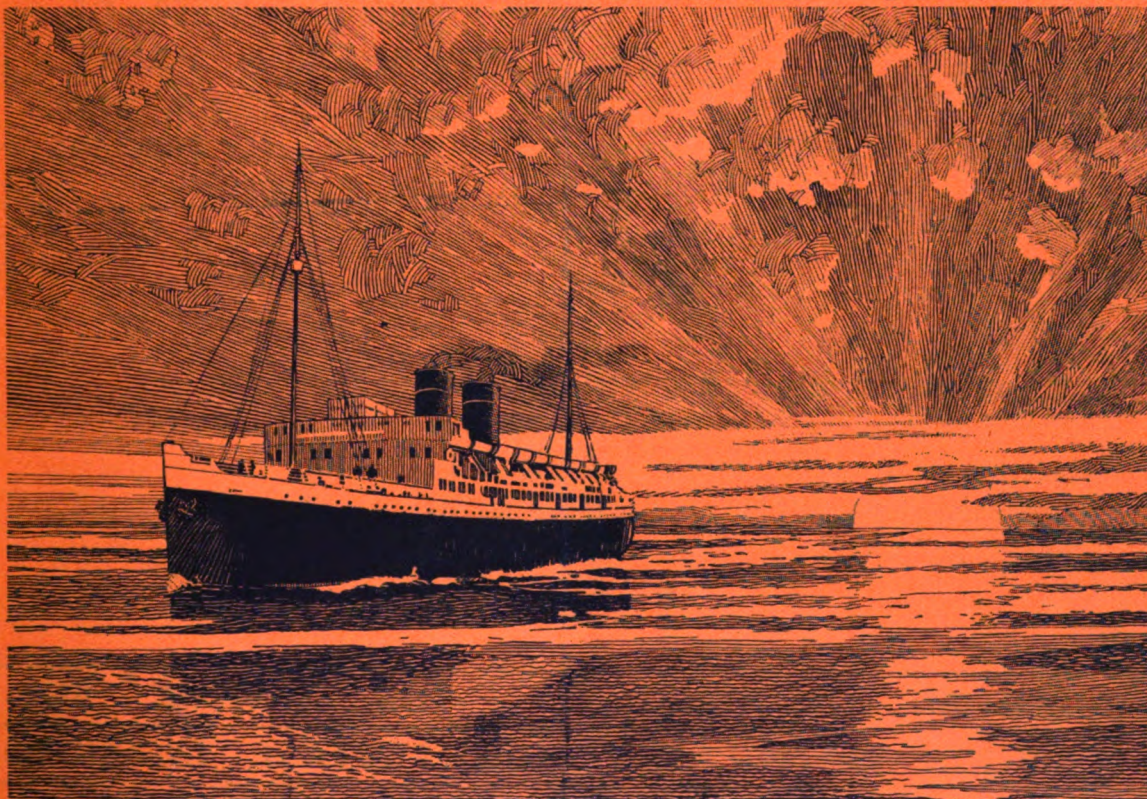
FOUNDED 1878

VOLUME 114
NEW SERIES No. 279

LONDON: March 1, 1934

EVERY THURSDAY
PRICE THREEPENCE

EMPLOY OUR COMPLETE SERVICE



AND ENSURE A SMOOTH PASSAGE

From STUDIO to PRESS
. in HALF-TONE, LINE and COLOUR

ROTARY GRAVURE :: OFFSET-LITHO :: TYPE-SETTING :: ELECTROTYPING
STEREOTYPING :: PHOTOGRAPHY :: DESIGNING :: WOOD-ENGRAVING

Columbia House
89-92 SHOE LANE
LONDON, E.C.4

JOHN SWAIN
— AND SON - LIMITED —

Works at BARNET —
Branches at — PARIS
: MANCHESTER :
BRISTOL & GLASGOW



TELEPHONE
CENTRAL 9333 (5 Lines)

SPRING

IS COMING . . .

AND WITH IT THE
SPRING NUMBER OF
PAPER & PRINT
LOOK OUT FOR THE
ATTRACTIVELY PRINTED
GREEN COVER

If you are not already a subscriber fill in the form below and make certain of getting your copy. Paper & Print is in universal demand and all previous issues are out of print.

**PUBLISHED QUARTERLY: THE ANNUAL SUB-
SCRIPTION IS FIVE SHILLINGS, POSTAGE INCLUDED**

Please send me (us) "Paper and Print" each quarter till countermanded.

Name

Address

"Paper & Print," 58 Shoe Lane, London, E.C.4.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 279

LONDON : March 1, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

WE are constantly hearing nowadays of the perfect drier for printing ink, and the more the difficulties of the problem have been stressed by competent authorities and printers who suffer the daily consequences of set-off work, the more we hear of "perfect" antidotes. Notwithstanding, set-off remains to add to the worry and extravagance of printing.

* * *

Problems of Ink-Drying

THERE are lots of driers that help, and some that do all they claim or set out to do; but there is no universal provider. Offset printers encounter vastly more trouble than their colleagues in the letterpress or photogravure departments. They are decidedly limited in the range of driers they can use; and the effect they can hope for from such driers as are permitted to them is restricted to minimum. It will be very interesting to learn from the Printing Industry Research Association when they are in a position to let us know their findings whether there are fundamental differences in the process of drying as between letterpress and offset. We know well enough that the printer from type can pile a lot of hard drier in his ink and get all the benefit of it on his paper. The offset printer gets it on his blanket, and what he gets

through on to the paper is of small account. It certainly does not seem to act as the oxidising medium we know in letterpress ink. Essentially offset ink is dense, stiff-bodied and plentiful in content of pigment particles. Dried offset ink seems to us to have much in common with dry pigment, in that it rubs, smears, and sets off under friction or heavy pressure. It is a problem in itself apart from letterpress ink, and might require individual investigation.

* * *

Making Printing Difficult

IN keeping with what appears in the foregoing paragraphs, it is to be remarked that there is no end as yet in sight to the pernicious vogue of the solid black panel, the solid bleed-off bands and runners, the slabs of heavy colour, the white lettering on black and all the paraphernalia that the layout men devise to make their efforts look smart and up to date. These layout men are mostly a flock of sheep, and only one in a thousand of them has either genius or originality. It is what we might expect that the vogue of a style which is most difficult, costly, time-requiring and provocative should coincide with greater insistence on cut-down price, absurd time-allowance and narrow harshness in regard to finished results. Tolerance only enters the minds of some of the newer

ON OTHER PAGES

	PAGE
Personalia	210
Success of the B.I.F.—	
Good Results in Printing Section	212
Trade Notes	215
Index to Periodicals—	
Guide to Useful Information	216
E. & N.-E. London Printers	216
Central London Printers	216
Typefounding Since 1720—	
Mr. H. Daniel Caslon's R.S.A. Lecture	217
Adhesives—	
By James Taylor, B.Sc.	218
The Study of Lithography as a Science—	
By F. J. Tritton, B.Sc., A.I.C., F.R.P.S.	222
L.M.P.A. Trade Lithographers—	
The Need for Scientific Research	226
Lithographic Trade Review—	
Notes and News	227
Helping the Lithographer—	
Plate-Making Firm's Enterprise	228
Commercial Review	230
For Sale and Wanted	232

race of buyers of paper and print in relation to their own shortcomings, and largely we are inclined to suggest it is because of the superficiality of their understanding of printing. The other day one of these gentlemen, in an important post, expressed himself as having heard of offset printing and wondered what sort of blocks were used in the process: anyway, he said, perhaps he could see the carbon tissues.

* * *

The Printer's Representative

ONE of the subjects which very greatly interests printers, and on which not much information can be turned up, is that of the printer's representative. We are not concerned with the selling talk so much as the standing and the handling of the representative. What is his place and standing in the industry; what are the different methods of treatment, the

legal position and the best administrative practice? Inquiry among printers reveals a lack of uniformity and a loathness to enter into detail, especially in regard to conditions of service. There are dozens of ways of paying salary, wage or commission; and various forms of agreement. Systems of control, of inducement, of support and of sales-area planning are in vogue in different ways. Sales management is notable in the printing industry more for its absence than its effectiveness. Other considerations rise to the mind, for instance, travellers' returns, the question of expenses, the data to be given to salesmen, and the policy adopted in regard to customers, old accounts doing nothing, and new accounts just opened or prospects as yet unopened. There is room for a treatise, a thorough one, and one written by an administrative authority with long experience, not a young man with ideas.

PERSONALIA

Lord Riddell was elected president of the Newspaper Press Fund in succession to Mr. J. L. Garvin at the annual meeting of the fund in London on Saturday.

Councillor R. C. Pye, a partner in the firm of Messrs. Crozier and Co., printers, North Road, Preston, has been appointed a Justice of the Peace for the Borough of Preston.

Mr. J. R. Speakman has been re-elected president of the Blackpool and District Master Printers Association.

Mr. E. T. Northend, a past president of the Sheffield Master Printers Association, on Thursday distributed the prizes at the Sheffield College of Arts and Crafts, to students who attended the printing and allied trades classes last session.

Mr. Jack Keith, junr., Peterhead, Linotype operator on the staff of the "Buchan Observer," Peterhead, has been presented by colleagues on the staff with parting gifts on the eve of his departure for Cairo, where he has obtained a post in an important printing office.

Dr. E. L. Burgin, M.P., Parliamentary Secretary to the Board of Trade, was the guest of honour at the annual dinner of the Paper Makers' Association of Great Britain and Ireland last Thursday at the Connaught Rooms. The president of the Association, Capt. W. E. Nuttall, was in the chair, and Mr. B. Guy Harrison, president of the Federation of Master Printers, was among the guests.

Mr. Thomas Weston, editor-manager of the "Warrington Examiner" was among the new magistrates who took the oath of allegiance at the Warrington Borough Police Court last week.

Mr. William E. Kershaw, overseer of the composing room of the "Rochdale Observer," has received presentations from the proprietors and the staff on completing fifty years' service.

Mr. A. C. Titherley, of the staff of the "Western Morning News," has been presented with a wireless set on his retirement after nearly sixty years' service.

Mr. E. G. Hawkings, commercial manager of the "Western Morning News," has received a staff presentation on his retirement after over fifty years' service.



THE COMPLEMENT
TO GOOD COPY
IS A PICTURE

USE MORE BLOCKS

PRINTING



Printing is an investment designed to accomplish a definite purpose, whether that be to stimulate sales or to increase prestige. Its value lies not in what it costs, but in what it accomplishes



EMPIRE INKS cost little and accomplish much. Your preference therefore should be given to EMPIRE INKS.

**The
Empire Printing
Ink Co. Ltd.**

■
**6, TUDOR STREET
LONDON, E.C.4**

SUCCESS OF THE B.I.F.

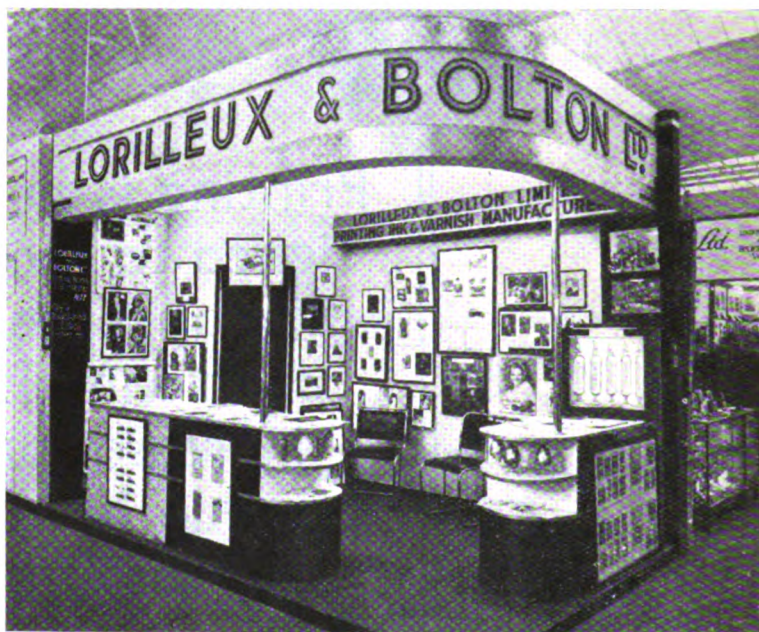
GOOD RESULTS IN PRINTING SECTION

The ever-increasing value of the British Industries Fair to British manufacturers is evidenced by the figures of this year's Fair which show that both home and overseas buyers have attended all sections of the Fair in greater numbers than ever before. Business during the first week of the Fair was more satisfactory than is usually found, and numerous large orders have been booked that will keep many factories busy for months to come. The very real interest shown in the Fair by the Royal Family is both encouraging to exhibitors and to the country's trade, it being estimated that as a result of the Queen's visits £1 million of business was transacted.

With regard to the Printing Machinery and Stationery Section, we learn that results so far are well up to the standard of previous years. In the printing department, of course, it is difficult to estimate the value of business which ensues from exhibiting at the Fair. The value of a stand is in the contacts made and the developments which follow throughout the year. In the case of practically every stand inquired of early in the week, the value of contacts made was mentioned. A notable feature at numerous stands was the pleasure displayed at the great many foreign and overseas buyers who had visited the stands.

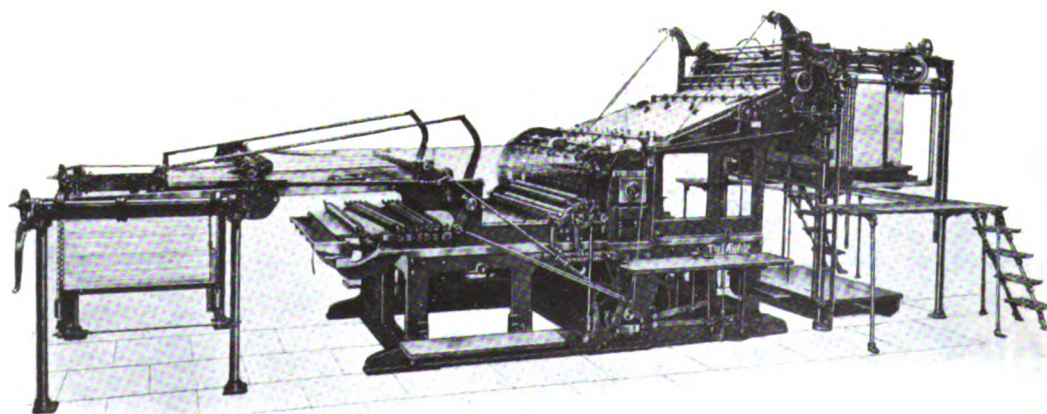
Printing machinery is not a thing of which, when a man has seen it, he immediately orders half-a-dozen items; an exhibitor expects inquiries during the first

responding period last year. Twelve machines had been sold, four of which were models of the largest machine on the stand. If orders booked during the



Drawing Attention to Ink-Making Progress

second week compared favourably with the previous year, it was added, the total result would be better than that of any previous year. This optimistic note was

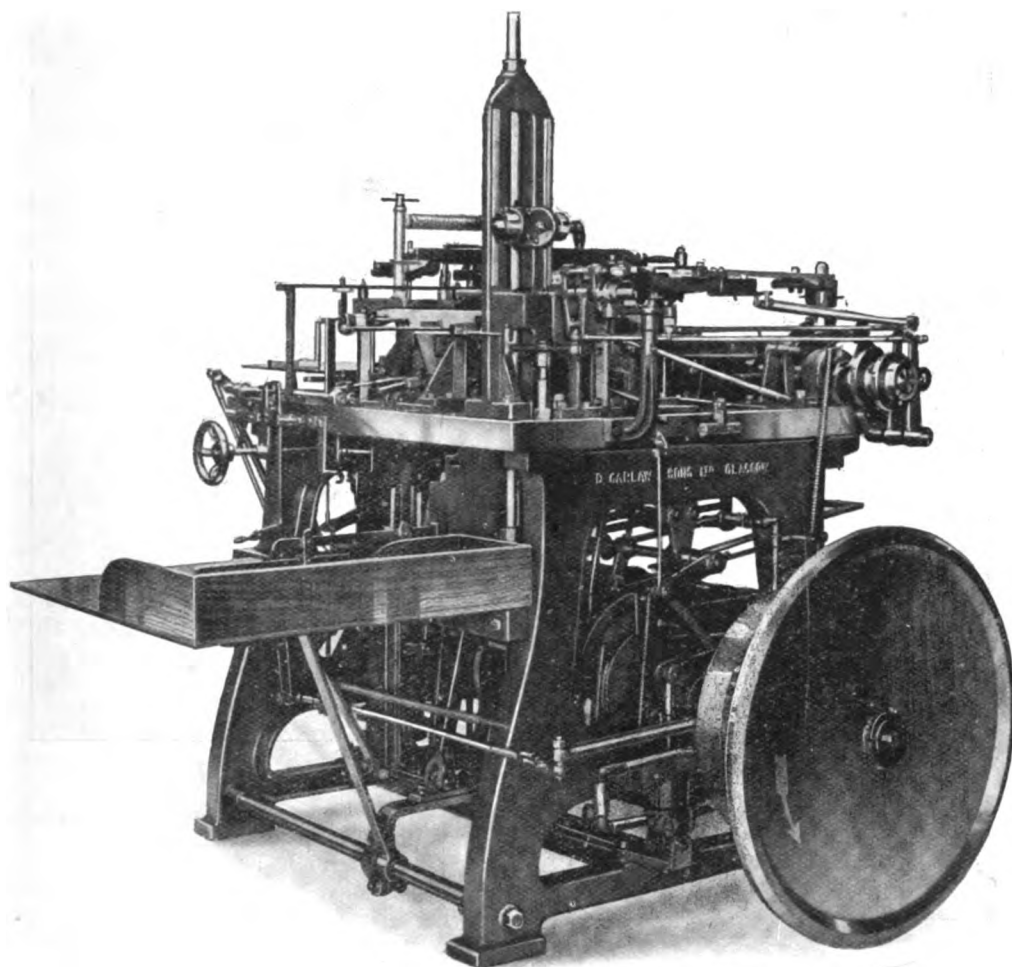


Miehle shown with L. & M. Built-out Back-Separation Automatic Feeder and Extended Pile Delivery

week rather than orders. However, at one large stand of folding machinery makers we were informed that orders taken so far were greatly in excess of the cor-

struck at all the stands, it being felt that there was a happier and more confident feeling in general, which augurs well for the remainder of the year.

BUY BRITISH MACHINERY



THE "LEADER" UNIVERSAL ENVELOPE MACHINE

BUILT IN SCOTLAND — EXCELS ANY FOREIGN MAKE

The above machine does not Gum the Closing Flaps, but is suitable for a large range of sizes and variety of folds—produces Envelopes, Diamond and Wallet Shapes, also Bags with Centre or Side Seam.

Machines are fully adjustable, so that any size or shape of Envelope or Bag within the range can be made without extra parts having to be ordered.

DAVID CARLAW & SONS, LTD., 31, FINNIESTON ST., GLASGOW, C.3

TELEGRAPHIC ADDRESS :- "AUTOMATON," GLASGOW.

TELEPHONES :- CENTRAL 1262 & 1263.

LONDON REPRESENTATIVES : DAWSON, PAYNE & LOCKETT, LTD., DEAN STREET, FETTER LANE, E.C.4

TELEGRAPHIC ADDRESS :- "WHARFEDALE," LONDON.

TELEPHONE :- CENTRAL 9265.

At the stands of the printing ink manufacturers exhibiting we were told that inquiries were very satisfactory, while at other stands in the section "very

general public, the printing section attracted much attention. The hum of the running machinery drew visitors to the section willy-nilly, and they stood en-

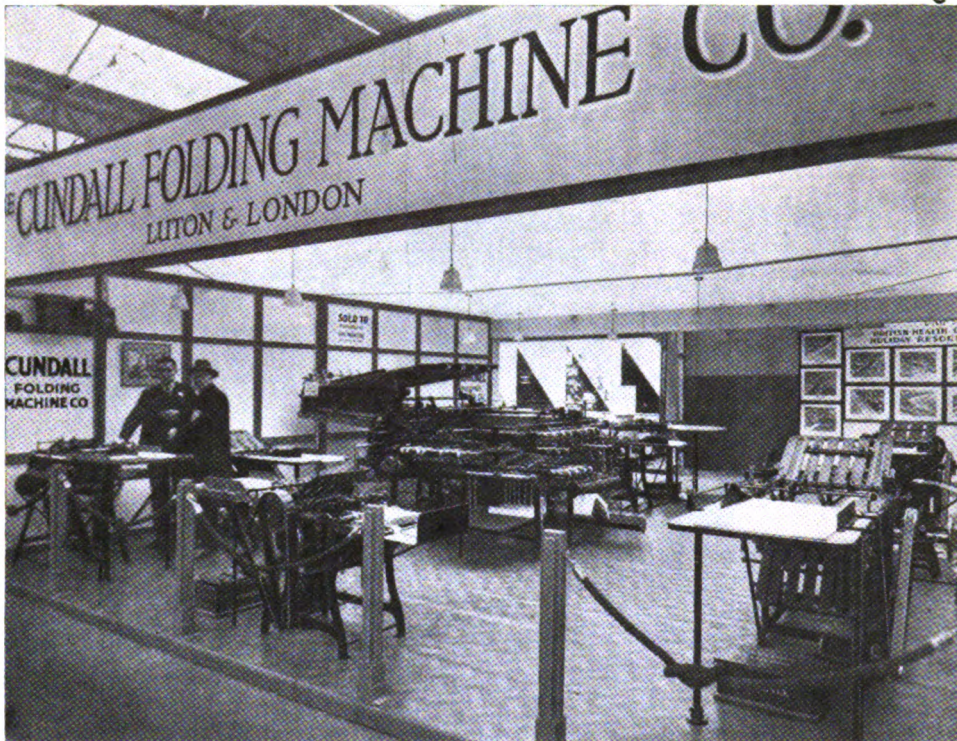
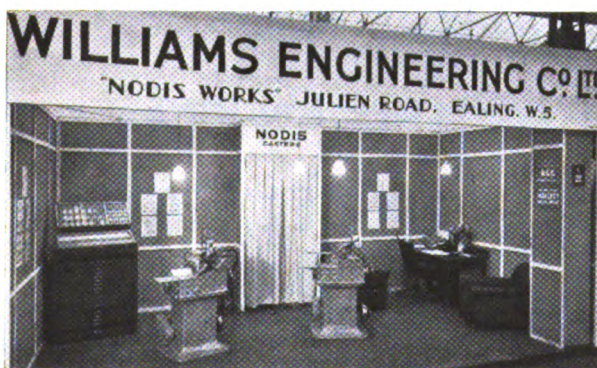


Exhibit of the Cundall Folding Machine Co.

pleased," "extremely gratified," "going nicely," and "improvement on last year" were the terms used.



Williams Engineering Co.'s Stand

Both during the day time, when the Fair is restricted to buyers, and in the evening, when it is open to the

tranced watching "the wheels go round." The lot of the stand attendant is not so dull as it possibly seems, for many are the amusing inquiries made, as, for instance, the elderly lady who wanted to know whether printing ink could be used in fountain pens or for brush work.

One can hardly leave the subject of the British Industries Fair without mentioning the Department of Overseas Trade, by whom the organising of the Fair—a colossal task—has been carried out efficiently and successfully.

A NOVEL folder issued by the Monotype Corporation, Ltd., invites printers who are in London during the British Industries Fair to visit a special demonstration of the Monotype with all the latest attachments, at 43, Fetter Lane, London.

THE Selectasine method of printing has been used for the production of an interesting picture and lettering on the calendar issued by Selectasine Silk Screens, Ltd.

The VICTORY AUTOMATIC SELF-CLAMP
GUILLOTINE
THE WORLD'S MOST EFFICIENT CUTTING MACHINE



VICTORY-KIDDER PRINTING MACHINE CO. LTD. QUEENS HOUSE, KINGSWAY, LONDON. Telephone: HOLBORN 8991.

TRADE NOTES

In the Chancery Division on Friday, before Mr. Justice Clauson, an action by Kelly's Directories against E. V. Thompson and Co., of Esher, was mentioned on a motion for an interlocutory injunction to restrain an alleged infringement of copyright pending the trial. His Lordship said there would be judgment for the plaintiffs by consent with costs, and an order for an account of profits and an inquiry as to damages.

GEORGE KNIGHT (trading as the Golden Vista Press), 54-56, Fetter Lane, E.C., attended last Thursday at the London Bankruptcy Court and passed his public examination upon accounts showing liabilities £1,848 against assets £29. He started this business in 1929 and mainly published educational books for which there proved to be little demand and in consequence the sales were insufficient to meet printing and advertising expenses.

At the recent first meetings of creditors and shareholders under the compulsory liquidation of Wholesale Stationery Supplies, Ltd., 26, Ivy Lane, E.C., it was stated that liabilities are roughly estimated at £3,500 and the only assets appear to be book debts £570. The failure of the company is attributed to lack of capital, loss sustained through a fire and heavy overhead charges. The liquidation was left in the hands of the Official Receiver.

A FIRM established at Milan wishes to obtain the representation of United Kingdom manufacturers of printing machinery and type. (D.O.T. Ref. No. 226.)

THE death has taken place of Mr. Alfred Browning, who for twenty-five years was employed as overseer of the electrotyping department of the Amalgamated Press, Rosherville, Gravesend. He was in his 82nd year, and retired when 70 years of age.

THE next meeting of the North London Master Printers Association will be held on Monday, March 5th, at the Alpha Restaurant, Seven Sisters Road, and will be addressed by Mr. L. J. Cumner (assistant secretary, British Federation of Master Printers), who will deal with benefits to be derived from membership of the Association.

L.S.C. EXECUTIVE.—The annual ballot for the Executive Committee of the London Society of Compositors resulted in the following being elected: H. Deuvall, T. Lambert, A. Williams, H. J. Willis, W. R. Hanscomb, W. E. Quelch, W. G. Murkin, J. E. Webb, W. J. Deacon; reader—J. Hume; operators—Lino.: A. E. G. Goldwin, unopposed; Mono.: W. H. Trueman, unopposed.

Printers' Football Results

The results of matches played on Saturday (24th) were:—

Bowaters	1 v. Crowther & Goodman	5
Waddingtons	1 v. Cannon House	5
Waterlows	3 v. Henry Good	1
Haycock Press	2 v. Loxleys	1

S
&
P

Printing Inks FOR ALL PROCESSES

OFFSET & PHOTOGRAVURE INKS
IN ALL SHADES ARE A SPECIALITY WITH S. & P. LTD.

IF YOU HAVE NOT

a Photogravure Machine you should try the following Letterpress Inks

• ACME
BLACK

No. 128 2/- per lb.

• GUARDS
SCARLET

No. 708 4/- per lb.

• JELLY
VELVET BLACK

No. J137 3/- per lb.

SLATER & PALMER

4, WINE
OFFICE
COURT

LIMITED

FLEET ST.

Phone: 0211 Central
Grams: Palmink, Fleet

LONDON E.C.4

S
&
P

Index to Periodicals

Guide to Useful Information

Issued by the Printing Industry Research Association as a neat octavo booklet of eighty pages is "An Index to the Printing Trade Periodicals for the Year 1932," being the third annual index to printing trade periodicals which has been compiled conjointly by the Printing Industry Research Association and St. Bride Technical Library. The index covers a wide range of nearly seventy periodicals published in this country, the United States, France and Germany, and thus constitutes a most useful aid to the obtaining of technical and trade information.

A praiseworthy feature of the Index is that it is not burdened with a lot of valueless material, the items indexed being selected on account of their reference value, their direct relation to the printing and allied trades, and their accessibility to inquirers.

The work of compilation appears to have been done with the knowledge and care which one would expect, and the index is clearly arranged and well printed. The abbreviating of the names of the periodicals has been carried to an extreme, and some will wish they could identify more names at a glance without having to turn in each instance to the abbreviations list. One wonders if the bare initials might not be slightly added to, without serious extension of bulk. Many readers, for instance, to whom the initials "C.P." might convey nothing, would find that "Can. Pr." would suffice to call the "Canadian Printer" to mind.

The Foreword expresses gratitude to the Monotype Corporation, Ltd., "for their generosity in presenting this publication."

We commend the Index to all to whom technical and trade information is of value, and we hope that the publication will be continued year by year.

E. & N.-E. London Printers

The East and North-East London Master Printers Association held their February meeting at the Y.M.C.A. Restaurant, Forest Gate, on Wednesday of last week. The president, Mr. A. Suckling, presided, and there were present Mr. C. Errington, S.-E. president, and Mr. T. D. Hawkins, secretary. Mr. J. Geddes gave an address on "The Place and Value of Earning Capacity in Plant for the Small Printer."

Mr. Geddes, after being welcomed by the chairman, said first that it was more important to have good men than good machines.

Mr. Geddes then gave an interesting survey of the mechanical aspects of various types of machines, and touched also on composing-room efficiency in relation to the machine room. Finally he spoke of automatic machinery and its earning capacity. The general principle to adopt, he said, was to keep up to date, in a manner in keeping with the class of work handled and the quantity.

An interesting discussion followed the address and then the chairman proposed a vote of thanks to Mr. Geddes, which was seconded by Mr. S. T. Norman and carried.

Central London Printers

Over 180 printers, their ladies and friends attended a most successful dance-cabaret arranged by the London Central Districts Master Printers Association and held at Stationers' Hall on Tuesday of last week. Mr. O. G. Poulson, president, and Mrs. Poulson received the guests, who included Mr. B. B. Harrison, president of the Federation; Col. B. L. Hooper, president of the L.M.P.A., and Mrs. Hooper; representatives from all the London District Associations, and Mr. and Mrs. E. G. Baker, Mr. and Mrs. L. J. Cummer, and the secretary of the Central Districts, Mr. W. J. Boyle, to whom (with Mr. L. A. Goss and Mr. A. J. Hubbard who assisted him), the thanks of all present were due for the admirable organisation and the entertainment provided.

After the reception there was dancing in the flood-lit large hall to George Kennedy's band, until adjournment was made to the Court Room, where supper was served. During supper Mr. Poulson said that the dance-cabaret was a new type of entertainment they were trying for the first time, and he hoped they were all enjoying themselves—a remark which called forth expressions of assent. He added a few words on the benefit of membership of the Association.

The cabaret entertainment was presented in the large hall, being given by Rosarita, Spanish dancer; Valentino Peveri, tenor accordionist; and Terry O'Dare, rancher entertainer. Dancing continued until a late hour and a small whist drive was also conducted, Mr. T. D. Hawkins acting as M.C.

**QUALITY AND
ECONOMY IN
PRINTING
INK**



THE HIGH STANDARD OF
PRINTING WHICH IS PRODUCED
TO-DAY, CALLS FOR INK OF AN
EQUAL STANDARD. WHEN
PURCHASING, WHY NOT BUY
THE BEST, AND AVOID THOSE
TROUBLESOME DELAYS WHICH
ADD TO YOUR COSTS? **GOOD
WORK DEMANDS GOOD INK.**

INKS

**LITHO, TIN PRINTING
L'PRESS, LACQUERS
OFFSET, VARNISHES**

Working Samples and Quotations gladly forwarded on request

EDWARD MARSDEN LTD.

PICKERING ROAD - HULL - YORKS
Telephone: Central 32464 Telegrams: Marcella, Hull

London Representative:

W. LUCKHURST

17, CRAWLEY ROAD, WOOD GREEN, N.22

Phone: Bowes Park 3580

TYPEFOUNDING SINCE 1720

MR. H. DANIEL CASLON'S R.S.A. LECTURE

Alderman Sir Percy Greenaway, Bt., recently Lord Mayor of London, presided on Wednesday evening last week at a meeting of the Royal Society of Arts at Adelphi, when Mr. H. Daniel Caslon, of Messrs. H. W. Caslon and Co., Ltd., lectured on "Developments in Typefounding since 1720." The address was admirably illustrated by a fine set of lantern slides, and a collection of ancient and modern typefounding tools and devices, also a selection of the historic Caslon specimen broadsides.

Sir Percy Greenaway, introducing the speaker, said it was a curious fact that though they would expect the lecturer, who had a vast amount of knowledge of typefounding, to have spent all his past years in acquiring that knowledge, yet actually the early part of his life had been spent in the Royal Navy, and it was only in 1925 that he began active connection with typefounding. Both his father and grandfather, however, had been connected with typefounding, and it was only natural that he should desire to follow in their footsteps.

Historical Facts

Mr. Caslon dealt with his subject in three parts, namely: some brief historical data; a description of the older methods of typefounding; and details of the present-day methods employed in the production of typefounder's movable type. In the first part he referred to the invention of movable type by Gutenberg, and its introduction to this country by William Caxton. He then passed quickly over the centuries, indicating pioneer printers and type-designers, up to the early part of the eighteenth century, when the original William Caslon established himself as a typefounder in a garret in Helmet Row, London, later moving to Chiswell Street in 1735, where the business remained until 1907. A number of interesting slides shown included views of the original Caslon foundry in comparison with part of the present-day foundry.

The second part of the lecture, dealing with the older methods of typefounding, showed, with the aid of slides, the actual art of cutting or engraving punches by hand, making plain the amazing skill possessed by the hand punch-cutter of old, who was able to produce such a high quality of design and finish with such comparatively indifferent tools.

Modern Methods

Finally, in contrast, were shown the present-day methods of typefounding. The lecturer explained and illustrated the designing of the type, the pantograph pattern-cutting machine, the punch-cutting machine, which carries out the work of the old hand engraver with mathematical precision, the extreme care taken subsequently in examining and testing the punches, the striking of the matrices, the type-casting machine, and lastly the final examination, and assembling of the finished type into founts.

A short discussion followed, in which several present joined.

Mr. A. Fairbank suggested that the excellence of the old types was due to the making of the punches by hand. What chance was there of similar excellence appearing in future types now that the pantograph

was being used? Mr. Caslon agreed that the art and craft of the old master punch-cutter certainly contributed to the legibility and finish of the old type designs. A certain amount of natural variation, of course, crept in in different sizes. Many liked that variation, while others preferred uniformity. The operation was performed mechanically to-day, but he believed that the designer in collaboration with the typefounder's draughtsman could take the place of the old craftsman. It was later added that the trend towards uniformity was prevalent to-day.

Pirating of Designs

Replying on what he described as a sore point, Mr. Caslon said that they had found, from past experience and inquiry, that the only way to patent a type-face was to take a patent out for every single character, every point, and every figure of almost every size produced. That would necessitate some financial outlay. (Laughter.) The culprit was the small typefounder who made no attempt to make or produce his own matrices or punches. But no sooner did a larger founder produce an attractive design than the smaller house produced a type similar if not exactly the same, the matrices being made by electrotyping.

Sir Percy Greenaway proposed a vote of thanks to the lecturer, which was cordially carried, and Mr. Caslon, in replying, thanked Sir Percy for presiding.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and italic)

GOTHIC, LINING

(eight sizes)

GOUDY

(bold and italic)

PASTONCHI

POLIPHILUS

PLANTIN
(light and 110)
IMPRINT, Etc.

Our **MAKE-UP** and **HAND-DISPLAY** DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

ADHESIVES

By **JAMES TAYLOR, B.Sc.**

(Concluded from page 190)

FISH GLUES

Fish glue is marketed usually in the form of liquid glue, and is the most important liquid glue. Dry fish glues are soluble in water at ordinary room temperatures, whereas hide and bone glues merely swell up, but do not dissolve under these conditions.

The raw materials used in the manufacture of fish glues are the waste products from cod, haddock, hake, etc., and are made up of three classes: (i) fish heads; (ii) waste, i.e., salt fish trimmings and bones; (iii) skin from dried salted fish. The glue stock, regardless of its source, must be freed from salt before being made into glue. "Skin" and "waste" stock contain a higher percentage of salt than "heads," and consequently more care must be taken in "freshening" them.

Process of Manufacture

The stock is agitated in running water in large tanks for about twelve hours, till the wash water shows a low chloride content, and is then placed in false-bottomed tanks or "cookers," covered with water, and a slow stream of steam passed in. The length of cooking depends upon the nature of the stock, "waste" requiring longer than "skin." Usually two runs are made—i.e., the liquor is drawn off and, after addition of fresh water, the cooking continued. The average concentration of the liquor is 7 per cent., and, after six to ten hours cooking, the residue is hydraulically pressed to remove the remaining glue liquor. Preservatives, such as phenol, cresol, or boric acid, are added to prevent bacterial action, and the liquor is pumped to the evaporators which generally consist of open pans fitted with steam coils, although vacuum pans are sometimes used, and it is evaporated to uniform viscosity, and a solution of an essential oil in alcohol is added to prevent growth of moulds and to hide the fishy odour.

Photo-engraving glue consists of the first-run glue liquor from fish skins, second-run fish-skin glue and first- and second-run fish-waste glue are usually packed in small bottles and cans, while fish-head glue is generally packed in large cans or barrels.

The gel point of fish glue should be about 7 deg. C.: a lower gel point indicates a weak glue. The presence of more than 0.2 per cent. sodium chloride indicates a poor-drying hygroscopic glue. The gel point of a glue is a term which is applied to the temperature at which the glue passes from the state in which it can be conveniently applied to a state in which it is too thick for application. This is not a strictly scientific definition, but it is sufficient enough for our purpose.

Amongst the principal applications of fish glue may be mentioned: photo-engraving, court plaster, labels, stamps, bookbinding leather, and sticking of articles to metal such as emery discs.

CASEIN GLUES

Many attempts have been made to produce insoluble and water-resistant glue from animal glue by the addition of some hardening agent, such as formalin or

dichromate, and adhesives have been produced which were nearly insoluble, but joints made up failed to retain their strength when subjected to drastic treatment with either cold or hot water. The Great War, with the consequent development of aircraft manufacture, called for a strong waterproof glue, and casein glues were produced as a result, having the necessary properties.

Casein is a white, odourless, tasteless powder, only slightly soluble in water and insoluble in alcohol and ether, which is obtained from milk by one or other of three processes. If an acid, such as dilute sulphuric or hydrochloric, is added to milk, preferably with slight application of heat and stirring, a white curd separates, and may be removed, washed and dried, when it is known as casein. Casein produced by this process is the type generally used for the manufacture of glues, paints and paper. As an alternative, the addition of acid may be dispensed with by simply allowing the lactic acid, formed by the natural souring of the milk, to do the work. The process may be speeded up by adding to the milk some of the acidic residual liquor from a previous batch. A third method is to precipitate the casein by treating the milk with rennet. Rennet casein, on account of its high ash content, is not suitable for glue, although it finds a large outlet in plastics.

Limitations of Casein Glues

Casein is almost insoluble in pure water, but in the presence of any alkali it will pass into colloidal solution, and this solution may be used as a glue. Lime is commonly used for this purpose. Casein, water and lime, mixed together, will produce a glue that has good water-resistant properties, but it sets rather rapidly into a thick paste which cannot be easily worked. It is, therefore, said to have a short life. Other ingredients have been proposed to be added to the mixture to increase the life and otherwise increase the properties, and among the principal of these may be mentioned: sodium, silicate, caustic soda, sodium fluoride, and sodium phosphate.

On account of this property, casein glues require to be made up freshly at least each morning, if not twice a day. This is an inconvenience in many classes of work, including machine work. They cannot, for instance, be used on bookbinding machines, as, once set, they are very difficult to remove. This difficulty is further emphasised by the fact that casein glues, unlike skin or bone glues, possess the property of adhering to metal, hence their use in the manufacture of metal-lined tea-chests. Accordingly it is preferable in the handling of casein glues to employ wooden vessels and mixing machines on account of this metal-adhering quality and also the possible chemical interaction between the alkalis of the glue and the metal, resulting in discoloration.

BLOOD ALBUMIN GLUE

This, like casein glue, was not generally used prior to the War, but developed rapidly for aircraft work on account of its waterproof properties. It may be prepared either from fresh blood or from dried albumin, more commonly the latter.

Dried soluble albumin is made by coagulating the red blood and the fibrin, and subjecting the clear serum to evaporation under reduced pressure. The resulting solid material is ground and marketed as dried soluble blood albumin. To convert this material into glue it is satisfactory for some purposes simply

to dissolve the albumin in water, but its quality is improved by the addition of certain alkalis, such as ammonia or lime. Care must be taken not to use too much lime, or the glue is liable to set too rapidly to a stiff jelly, which is not workable. Another drawback to this type of glue is its tendency to foam.

The finishing of work with this glue differs from all others in that high temperature and pressure together are necessary for the setting of the glue. High temperature brings about the coagulation of the albumin, and it is this insoluble coagulum which renders the product resistant to the action of either cold or hot water. Its principal outlet is the manufacture of plywood and veneering work.

PREPARED LIQUID GLUES

A number of recipes have been made up and even patents taken out for the production of a glue that will remain permanently liquid and not require heating or dissolving for use. The hardening of animal glue or its gelatinisation can be prevented by the addition of certain salts or acids, such as nitric or acetic acids. These substances, however, cannot distinguish between preventing the glue from hardening during storage prior to its use and preventing the glue from hardening in use, so that there is a reduction in tenacity unless the agent used is a volatile one which evaporates as the glue film is applied to the surface.

Glue or gelatine mixed with acetic acid is the basis of many of the liquid cements on the market for mending china, etc. Sometimes formic acid is used in place of acetic acid.

MINERAL GLUES

These glues have not been developed to any large extent, although for carton manufacture and labelling work, adhesives based on sodium silicate are sometimes used.

VEGETABLE PASTES

These pastes are derived from two main sources—starch and flour.

If starch is stirred with water to a thin paste and gradually heated, it will be observed that at a temperature of about 65 deg. C. a peculiar change takes place—the thin milk-white liquid becomes transparent and opalescent, and at the same time thickens. In other words, it is converted into paste. During this process the separate layers of the starch granules become detached, somewhat in the same manner as an opening bud, absorb water, and the peculiar mass, called paste,

is formed. Paste is not a solution; it cannot be filtered. If paste is left alone, particularly in warm weather, it becomes sour, owing to formation of lactic, acetic and butyric acids, and at the same time it loses its adhesive power.

To prepare paste, the best way is to stir the starch well into cold water until the mixture is a homogeneous, rather thin fluid, then add boiling water in small portions, stirring constantly, until the conversion into paste takes place, then add cold water to give the required consistency.

Flour paste is prepared in exactly the same way as starch paste, but it differs in appearance, being yellowish brown instead of white. Its adhesive power is superior to starch paste, but it is less durable. Both classes of paste are used not only for pasting paper, but for sizing muslin, linen, paper tissue, etc. Together with white lead or barytes, it is sometimes used to increase the weight of linen.

DEXTRINE

This is extensively used in printing wallpapers, for stiffening and glazing cards and paper, for thickening the colours of calico-printers, and as a mucilage. It is prepared by heating starch moistened with nitric acid in an oven, or by heating paste with malt extract or very dilute sulphuric acid.

Commercial dextrine is obtained as pale yellow to dark brown masses, which dissolve readily in water, yielding solutions of adhesive power comparable with gum arabic. Mucilages are prepared by stirring powdered dextrine with water until a viscous liquid is produced, salicylic acid being frequently added to the water to prevent the formation of mould on the surface.

Dextrine is the basis of many of the so-called "Cold Glues" now on the market and being fairly extensively used in bookbinding. Others are derived from other vegetable products, starches, flours, gums, etc., but many of them suffer from the disability that they contain 80-90 per cent. of water in the condition in which they are applied, and apart from the time necessary for this water to dry off it also interferes with the work owing to the paper stretching, etc. Several attempts have been made to overcome this difficulty, in some cases with a certain amount of success. For instance I understand there is a cold glue on the market, made up from glucose, flour and diethylene glycol, which contains only about 45 per cent. of water. Other formulas have been devised giving somewhat similar qualities.

Ready for use
GUARANTEED
when delivered



Covered
Rollers Supplied
ECONOMY
For Test Without
Obligation

Contractor to the Indian Government and H.M. Crown Agents

LITHOGRAPHIC AND LETTERPRESS
(INKERS—DAMPERS—VARNISHING) ★ As confirmed by many important users.
★ "More Durable and Economical than other makes at present available, including Nap (Skin), Rubber."
★ Life as yet to be ascertained

(GRAYURE—DIE STAMPING—PROCESS ENGRAVING)
★ "Up to Seventy-five per cent. Economy in cost of Ink, with clearer and sharper printing."
★ LETTERPRESS—NEARLY SIX YEARS

LITHO—OVER SIX YEARS

Not affected by atmospheric conditions.—European or Tropical.

LOUIS MINTON
TREVELYAN BUILDINGS
CORPORATION STREET
MANCHESTER
ESTABLISHED 1890

MANCHESTER
MARCONI INTERNATIONAL

Do not Shrink, Swell, Crack or Loosen at Highest Speeds

MUST YOU PUT THE GLASS



FIFTEEN PROFITABLE MINUTES

Printing executives are invited to write for Nickeloid literature, which includes a novel Portfolio of Nickeloid engraving specimens; folders giving details of the famous ALBERT Galvanos produced by Nickeloid, and concerning NICKELOIDS, electrotypes exclusively produced in the Nickeloid foundry; a booklet on CORMIL, the chromium facing process which is exclusive to Nickeloid, and which has resulted in many amazing machine-room performances; and a booklet showing a range of sixty-five mechanical tints. If you allocate fifteen minutes of a busy day to a perusal of this literature, you will find your time has been spent in a valuable way. Write on your business letterheading, please.

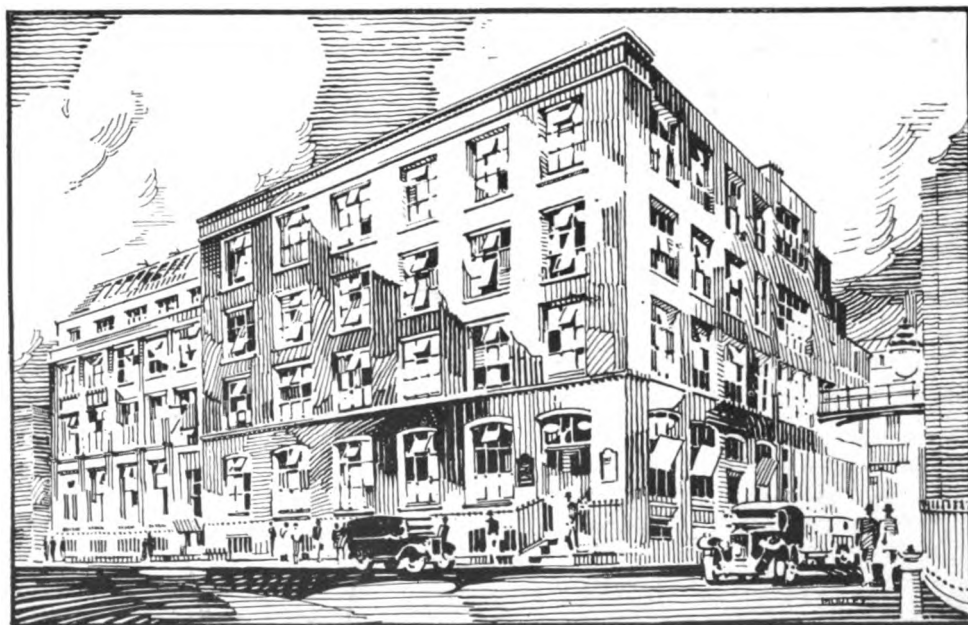
ON EVERY PLATE YOU BUY?

ASSUMING THE ACCURACY of the type and original plates supplied, can you always *rely* on flawlessness in the electrotypes you buy? Can you be sure they will give minimum make-ready trouble, and enable you to retain precision reproduction of every sheet through the run? As you *could* be sure, for instance, if you appointed *Nickeloid* your electrotypers. *Nickeloid*, Britain's foremost electrotypers and

stereotypers, can supply you with the most accurate duplicate plate for every kind of letterpress job.

Suppose now, that you let us co-operate with you by informing us of the printing factors governing your next job, you could *rely* on obtaining the most efficient plates you could possibly buy, for that particular job. This is no idle boast, but a hard-headed business fact.

NICKELOID



THE MAIN BUILDING OF THE
NICKELOID ELECTROTYPE
COMPANY, LIMITED,
OFF PRINTER ST., LONDON, E.C.4

LITHOGRAPHY

The Study of Lithography as a Science

By F. J. TRITTON, B.Sc., A.I.C., F.R.S.P.

*Manager, Process Dept., Ilford Limited**

In proceeding to examine some of the experimental work which has been done concerning the fundamental problems of lithography, naturally I shall deal particularly with work in which I have been personally interested. At the same time I propose mentioning some problems which appear to urgently require the attention of those few technical men who are attached to the industry.

Zinc and Aluminium Plates

So far as the zinc plates employed in lithography are concerned, they seem to have been adequately studied by Bartuska and Zalesinski and by Bekk. Aluminium sheets do not appear to have received the same study from the lithographers' point of view.

The real problem in connection with metal lies in the graining, and on this subject there seems to be no useful published information, although there is general agreement that the grain should be as fine as is permissible for good machine printing, and that the hollows should be sharp and not too shallow, while the inside walls of the hollows should preferably not be smooth. There is some knowledge as to how to achieve this desirable end, but none as to how to measure the quality of the results obtained; similarly there is no method of comparing one type of grain against another.

Measuring Grain Size

In 1929 a method of measuring the grain size was published, and was said to be in regular use by one well-known firm. A special type of squeegee was employed which moved on rollers under its own weight, and which had side guides to maintain a constant width. A measured quantity of coloured water was placed in front of this squeegee, which was moved along so as to spread the water out as an even film which just fills the hollows on the plate. The coarseness of the grain is inversely proportional to the length of the water streak. Thus when graining with forty-mesh flint the streak was found to be twenty-two inches long, and with eighty-mesh flint a streak of thirty-seven inches was obtained.

At one time I conducted a few preliminary experiments on the measurement of grain without arriving at any useful conclusion. After finding the above method rather unreliable, I attempted to weigh the quantity of a viscous liquid required to fill the recesses in the metal so that they were just full to the top and then to correlate these figures with a set of stan-

dard photomicrographs of the grains employed. The problem is one of considerable complexity, but its solution would be a great asset in practical lithographic work.

A further complication arises because the abrasives used for graining the metal are also not standardised. Assuming that an angular sea-sand is to be employed, a sixty-hole sand may be suitable for poster plates, while one-hundred-hole sand might be employed for fine work. What do these numbers mean? If we are to assume that the sand has been sieved, then what are the characteristics of the sieves to be employed, and why is there no published information on this subject for the guidance of lithographers? There is only one internationally recognised standard for sieves, that of the Institute of Mining and Metallurgy, but it is certain that graining sands have not been classified by means of these standard sieves, and the sands which I have examined have been so variable that it is evident that no standard at all is employed to-day.

Oxidisation of Plates

Oxidisation is a well-known problem, and there is no doubt that it has been correctly named; that is to say, the production of a film of oxide on the surface of the metal is the cause of the scumming, pitting, etc., which leads to so much difficulty. Beyond this, however, there seems to be practically no knowledge; and there are few lithographers who realise that they never have and never will work with an aluminium plate which is not oxidised. This is because aluminium reacts with oxygen immediately to form a very thin film of oxide which then protects the metal from further rapid oxidisation. This thin film of oxide does not seem to affect the suitability of aluminium for lithographic printing, but if the oxide layer gets progressively thicker, as it may readily do if a damp plate is allowed to stand on the machine, then scumming sets in. Nothing is known about the thickness of the oxide layer which is necessary to overcome the desensitising effect of the gum or the phosphoric acid etches normally employed, although chemists have discovered a method of determining the thickness of this layer. Also this is probably why some people find aluminium

* A lecture delivered at Stationers' Hall on February 16th. The introduction, as we reported last week, dealt with the progress of lithography since its invention by Senefelder, emphasising the lack of systematic scientific research into the basic problems, and indicating that the process itself has remained much the same, and what changes have occurred have been chiefly due to outside sources. A plea was made for increased support of the Printing Industry Research Association.

more liable to scum than zinc, although this certainly should not be the case.

Of course, oxidation, particularly on aluminium, frequently occurs in the form of pitting, the cause of which is quite obviously electrolytic currents set up between the pure metal and spots of impurity enclosed in the metal near the surface. In a previous publication I have pointed out that cadmium, lead and iron are most common impurities in zinc sheets, while iron and silica are always present in aluminium; on theoretical grounds it can be shown that all these impurities will tend to cause oxidation and pitting, but as yet no practical investigation has been carried out to determine what other factors should be taken into consideration. The Lithographic Technical Foundation have made a useful investigation into the related problem of electrolytic effects set up in the actual printing machine between the brass dampening rollers and the zinc printing plates. They were able to prove that definite corrosion does take place, and it is quite possible that this is the cause of various unexpected results, but on this point there is very little information available, since the subject has not received further attention.

Sensitising Lithographic Plates

The sensitising of metal lithographic plates is usually looked upon as a method of cleaning the metal, and on many occasions I have been told that a sensitised zinc plate has a surface of pure clean zinc. Actually this is not the case, since the zinc surface after treatment with nitric acid and alum is covered with a layer of a basic aluminium sulphate. The reason for the use of

this sensitising or passing bath is simply to form a new surface on the metal, which must, therefore, be perfectly clean; and it has been found, purely as a matter of experience, that it is simpler to deposit a new surface on the metal than to attempt to dissolve away the old surface and so leave the metal clean.


The operation of etching a plate is closely comparable with sensitising, because there is once more deposited on the surface of the metal a fresh layer of an insoluble substance. But the reason for etching and the effect produced by etching are just the reverse of sensitising, so there is evidently some fundamental problem here which requires consideration. Lithographic printing from zinc plates has been in regular use for over fifty years, but, despite the work of Dr. Strecker some thirty years ago, it appears as though no clear understanding of the fundamental operation of etching was obtained until 1932, when the results of my own experiments were published in the Journal of the Society of Chemical Industry, September, 1932, volume 51, pages 299T—313T and it will probably be of interest to give a brief résumé of some of the more important conclusions.

The Etching Process

By a series of interesting experiments, which would be rather too complicated to explain in detail here, it was possible to show that a lithographic image on an aluminium plate could consist simply of a single layer of fatty acid molecules over the surface of the metal, and that, provided the rest of the metal was wet, this slender image could be built up without the ink tending to replace the water from the surface of the metal.

Everything for Offset

ALGRAPHY LTD



Algraphy
can supply **ALL** your wants

**ZINC &
ALUMINIUM
LITHO PLATES**

Algraphy Plates have
achieved a name & reputation
for excellence & quality.

**RUBBER
OFFSET
BLANKETS**

The strength, resiliency & durability
of "Alco" Rubber Offset Blankets, red,
grey & brown, has become the standard.

Telegrams:
"ALGRAPHY, LONDON"
Cable Code: BENTLEY'S

ALGRAPHY LTD.

PHILIP ROAD, PECKHAM, S.E.15.

Telephone:
NEW CROSS,
1209.

A layer of fatty acid one molecule thick is only approximately one ten-millionth of a millimetre thick, and, of course, quite invisible; but, nevertheless, its effect could be determined. Naturally, such slender images never occur in practical work, and they would not be robust enough to stand up to workshop technique, but the important underlying factor is that the ultimate connection between an ink image and the metal underneath is the same as that between the metal and this single molecule layer.

There is a form of chemical combination between aluminium and this single layer of fatty acid molecules, which the chemist calls adsorption, and, therefore, a knowledge of the peculiarities of adsorption will assist in the study of lithography. Adsorption may be looked upon as incipient chemical reaction which does not proceed any further.

When considering zinc plates, the same phenomena apply, but it is found that there is a much more vigorous interaction between the metal and the fatty acid; in fact, actual chemical combination takes place and the acid portion of the ink may penetrate well into the metal. This is the reason why images on zinc show more tendency to thicken than they do on aluminium.

When plates are sensitised in nitric acid and alum, or any similar solution, the new products formed on their surface must be of a type capable of adsorbing fatty acids in the same way as the metal; that is to say, the new products must be *basic* in chemical character. It can safely be assumed that lithographic images can be produced on any basic surface, provided its physical properties such as evenness, resistance to water, etc., are suitable. It therefore follows that any metal could be employed lithographically, but before it could be utilised commercially the problems of etching, corrosion, etc., would have to be solved.

When plates are chemically etched in the lithographic sense the surface is altered in such a way that adsorption of fatty acids can no longer take place; that is to say, the metal surfaces are converted to something which is no longer *basic*. The alternatives are an acidic or a neutral precipitate, but it is important that the compound so formed shall adhere firmly to the metal surface and not just be a loose precipitate. This considerably limits the possible etching agents, and

accounts for the popularity of phosphoric acid compounds, since these form somewhat sticky adherent precipitates. Aluminium phosphate is the most common substance to be produced on aluminium plates, but as this is slightly soluble in water, a common ingredient of the etch is ammonium nitrate which has the property of decreasing the solubility of the aluminium phosphate. Similarly on zinc, the insoluble normal zinc phosphate is produced; but, if any ammonium salts are present, the complex zinc ammonium phosphate is formed and seems to protect the metal more satisfactorily; hence the presence of ammonium salts in nearly all etches.

Action of Gum Arabic

You will have noticed that up to the present, I have avoided reference to *gum arabic*, although this is a constituent of all etches and is used widely by itself as a desensitiser. It does not seem to be clearly understood that there are two totally different types of desensitisers in use in ordinary lithographic work. Firstly, gum arabic and, secondly, the chemical desensitisers or etches of the type we have been considering above. Of course, in workshop practice it is usual to add gum to all etches, and this is a desirable procedure because gum is found to be by far the most perfect desensitiser yet discovered. But, nevertheless, it is possible to print without the use of gum, provided the plates have been adequately etched; and alternatively gum alone is an entirely satisfactory treatment which suffices to keep the metal clean without the use of any chemical etch. The two together simply give added protection and reduce the possibilities of failure.

We have already seen that the chemical desensitisers function by attacking the metal and forming on the surface a deposit which cannot adsorb fatty acid and, therefore, cannot form a stable lithographic image. Naturally, if a surface of etched metal becomes dry it will take ink, but on dampening, even with plain water, the ink is rapidly replaced, leaving a clean image.

The action of gum arabic is different, but unfortunately not so well understood, since the problem seems to be more complicated. The most important investigation of this subject so far carried out is the work of Dr. Riddell. In brief, he concluded that the gum is adsorbed on to the metal in the same way as

DISTINCTIVE PHOTO-OFFSET PRINTERS
TRADE
SPECIALISTS

Hubners Ltd.
136-142 CLERKENWELL RD. LONDON E.C.1
TELEPHONE CLERKENWELL 5028

the fatty acid of the image, and that, therefore, fatty acid cannot also be adsorbed on to the metal previously treated with gum arabic solution. This explanation fits most of the facts and is in all probability correct, but further experimental work is required to clear up certain anomalies. Experiment has shown that metal treated with gum solution will not accept a permanent ink image and that the desensitising effect of gum alone is equal to or greater than that of even the most satisfactory chemical etch. Despite the advantages of gum over the chemical etches for forming a desensitised surface, the latter are extremely important because gum alone is incapable of removing scum which has formed on the metal, while a good etch, even in the absence of gum, will remove scum readily. This gum is a desensitiser, while the chemical etches are both desensitisers and scum-removers.

Lithographic Inks

Considering lithographic inks next, mention has been made of the fact that a fatty acid is required for the formation of a lithographic image, whether on metal or stone. Consequently an essential ingredient of lithographic drawing or transfer inks is a proportion of free fatty acid, such, for example, as oleic acid.

Lithographic machine inks are of different character from transfer inks and more nearly resemble good-quality letterpress inks. Practically all inks and varnishes, from the nature of their ingredients, are somewhat acidic, but the degree of acidity and the chemical identity of the actual acid present may vary widely. For the letterpress printer this is not a matter of much importance, but for lithographic work an ink

containing much free fatty acid will tend to behave as a transfer ink and will tend to be adsorbed on to the metal if there should be the slightest weakness in the desensitising layer; that is to say, a strongly acid ink is always liable to cause scumming.

From the above it follows that it should be the business of all progressive ink-makers to keep the acid value of litho inks relatively low; but any attempt to obtain a neutral ink will have other disadvantages because, under present workshop conditions, it is not possible to grind a pigment perfectly into an ink except in the presence of some free fatty acid. Also it is known that the work is less stable on the plate if the ink is not acid. It is always possible for the printer to add magnesia to the ink, and this has the effect of neutralising the free acid, and if sufficient is added and well worked into the ink it will yield a neutral ink which cannot lead to scumming of the ordinary type, provided the plate has been desensitised. On the other hand, the disadvantages of excess of magnesia are too well known to require comment.

(To be continued.)

PROGRESS in various efforts on behalf of lithographers generally is reported by the Lithographic Technical Foundation (N.Y.) Educational work has proceeded, including the issuing of bulletins dealing with "The Albumin Process of Photo-Lithography" and "Selling Lithography." The new non-irritant solvent issued under the name of "Lithoterps" has had its name changed to "Lithotine" to meet a Patent Office technicality. It is now being distributed under the new name.

GEORGE MANN & Co.

(1932) LIMITED

SPECIALISTS IN—

ROTARY OFFSET MACHINES

(SINGLE COLOUR, TWO COLOUR AND PERFECTING)

ROTARY TIN-PRINTING MACHINES

(STANDARD AND RAPID MODELS)

HEAD OFFICE AND WORKS:

HUNSLET ————— LEEDS

PHONE—LEEDS, 20424-5

LONDON OFFICE AND WORKS:

Ampton Street, Gray's Inn Road, London, W.C.1

■ PHONE—TERMINUS 6285 ■

L.M.P.A. TRADE LITHOGRAPHERS

The Need for Scientific Research

Dr. G. L. Riddell, technical director of the Printing Industry Research Association, lectured before the Trade Lithographers Section of the London Master Printers Association, on Tuesday afternoon, taking as his subject "Lithography, What A Fluke!" Mr. J. H. C. Hubner, chairman, presided, supported by Mr. W. S. Baddeley, Mr. F. W. White, and Mr. E. G. Baker, secretary L.M.P.A.

Mr. Hubner briefly introduced the speaker, and Dr. Riddell, on rising, first indicated that he had deliberately chosen the title he had, to draw attention to the limits of their knowledge of what he considered to be the important aspects of lithography. The title was not meant to imply that the invention of lithography was a fluke. He did say, however, that the quality of commercial lithography could be improved tremendously if they knew exactly what was happening at every step in the process. Their knowledge of the underlying principles was very limited. It had been proved absolutely that when underlying principles of a manufacturing process were unearthed, they could always improve it by reducing production costs or by placing a better product on the market.

Dr. Riddell here added a few remarks regarding the industrial research association movement in this country, and the success which had resulted in other industries. The same success, he said, could be achieved in lithography.

After speaking of the value of theory in lithography, he went on, with the aid of an apt analogy, to show how far he considered they were advanced in their knowledge of lithography, adding that there had been no development in the process, as such, with the exception of offset deep, since Senefelder invented the process. Many printers, he felt, were too self-satisfied. If a plate thickened-up, or scumming occurred, they

must remember that that was due to a scientific principle not to an "act of God."

Proceeding, Dr. Riddell spoke of the research work being done in America by the Lithographic Foundation, and said that they were just beginning to get very interesting results. For instance, they had managed to increase the life of the litho plate very considerably by coating the plate with a film of bichromate gum albumen, then exposing to light so that the gum albumen hardened. Other developments in America due to research were outlined, and Dr. Riddell concluded his remarks by saying that he hoped he had indicated that scientific research could be a useful weapon to the lithographic industry. He hoped it would find greater use in the future than it had in the past.

In the discussion which followed the standardisation of grains and blankets was mentioned and the drawbacks of zinc and aluminium for litho plates. Those joining in the discussion were Messrs. J. H. C. Hubner, A. P. Hubner, W. A. Witterick, F. W. White, W. S. Baddeley and A. L. Fosh.

Mr. Hubner expressed thanks to Dr. Riddell, and Mr. F. W. White seconded the vote, which was heartily accorded, and Dr. Riddell briefly responded.

'PHONE HOL. 0527
for
SKILLED CRAFTSMEN
(N.S.)

READERS — COMPOSITORS — LINO,
MONO AND INTERTYPE OPERA-
TORS — MACHINE MINDERS (LITHO
AND LETTERPRESS) — LAYERS-ON —
WAREHOUSEMEN AND CUTTERS —
GOLD BLOCKERS

**THE PRINTERS' PROVIDENT
ASSOCIATION**

21 CHARTERHOUSE ST., LONDON, E.C.1

LITHOGRAPHERS
No matter how good your
roller may be
**YOU CAN ONLY
PRODUCE
PERFECT
PRINTING
PLATES**
by
USING

ZETCH

This
ideal
etch is
free from
chromic acid
and easy to
use

SUPPLIED IN POWDER FORM	
1 lb. cartons	12/6
1/2" "	7/-
1/4" "	4/-

obtainable only from
ALGRAPHY LTD.
Philip Road,
PECKHAM, S.E.15.

Telephone
New X 1209
Bentley's (ode)
Telegrams.
"Algraphy."
London.

LITHOGRAPHIC TRADE REVIEW

NOTES AND NEWS

It is regrettable to find that there has been no improvement in the lithographic branch of the trade, when conditions are compared with what they were a month ago. If a year ago is taken in comparison, however, the volume of business in hand and in prospect at the present time compares very favourably. Several of the bigger lithographic houses appear to be moderately busy, although here a great increase of work will have to be secured before they can be regarded as on anything like normal output. In view of the increased business which the printing trade generally and other industries of the country seem to be enjoying at the present time, it is difficult to understand why lithography should not be sharing in the better trading conditions. No doubt one of the contributory causes of the failure to do so is the prevalent desire nowadays to experiment with newer processes, whilst the multiplication of small machines for office printing, etc., is having a disturbing influence on the ordinary lithographic trade.

* * *

MR. C. W. SPERRING (president of the Lithographers' Auxiliary to the Printers' Pension Corporation) has been successful in obtaining the consent of Mr. E. C. Potter (managing director of Messrs. Algraphy, Ltd.), to occupy the chair at the next

concert of the Trade Auxiliary to be held at Cannon Street Hotel, on Monday, March 19th. The concert, the final one of the season, is being arranged by Mr. W. Herring, who has engaged a number of well-known artistes for the occasion.

* * *

As it is just a hundred years since the death of Alois Senefelder, the discoverer of lithography, it is very appropriate that the well-known German firm of offset machinery manufacturers, Faber & Schleicher, send to their friends a large, handsomely-printed and striking portrait of Senefelder. This is from an almost unknown original in a museum at Cologne, and an admirable multi-colour offset reproduction has been produced on a Roland offset press.

* * *

COMMENTING upon the announcement that British postage stamps are to be printed by photogravure, the "National Lithographer" (New York) says "Why doesn't someone get the idea of doing these stamps by offset?—then there would be a real reason for the existence of philatelists."

LONGER LIFE—SHARPER IMPRESSIONS

GESTITE
ROLLERS

GESTITE ROLLERS, LTD.
FAWLEY ROAD, TOTTENHAM, LONDON, N17
TELEPHONE: TOTT 2204

CAXTON CONVALESCENT HOME

LIMPSFIELD, SURREY Tel: The Chart 13

President—T. W. GEORGE, F.S.O.

Treasurer—The Right Hon. C. W. BOWERMAN, J.P.

Devoted exclusively to the use of Men and Women engaged in the Printing, Process Engraving, Bookbinding, Stationery, and Kindred Trades. Patients received from all parts of the Country: the Caxton Home is not a Public Institution.

A Subscription of Three Guineas annually by an Employer Society or Workshop gives the right to nominate a Patient each year for a Three Weeks' residence at the Home on recovery from illness including travelling expenses from London.

Penny-a-week Subscriptions from employees are earnestly solicited. Annual Subscribers (minimum 4/-), through a Collector or direct to the Office, are entitled to a Three Weeks' stay at the Home entirely free. Wives of men in the trade admitted on their husbands' subscription.

Paying Patients & Non-Subscribers: £1 10s. 0d. per week

DONATIONS TO

Building & Endowment Funds
WELCOMED

London Office: Tel.: Secretary:
3, CURSITOR ST., E.C.4 Holborn 0197 W.F. FRANCE

DOMINANT FACTS . . .

OF THE
PERFECT PROCESS BLACK!

- Immediate backing-up
- Minimum risk of set-off
- May be left on machine overnight
- Very easy working
- Extraordinary brilliance and density.

NEOSET



COATES BROS & Co. LTD

ST. BRIDES HOUSE, SALISBURY SQUARE, LONDON, E.C.4

HELPING THE LITHOGRAPHER

PLATE-MAKING FIRM'S ENTERPRISE

After the introduction of the ruled cross-lined screen, and its use for photo-engraving, particularly for tri-colour work, lithographers immediately saw its possibilities if it could but be adapted to lithographic printing. At that time photo-lithography consisted solely of printing line work upon sensitised paper for the purpose of transferring down to stone, or plate.

Since those early days an immense amount of time has been expended, and much experimental work done, to achieve the object of adapting half-tone colour work to photo-lithography. It would be interesting to enumerate the divers methods, and secret processes, which one after the other have proved to be of little practical value. Prints from the half-tone negative upon transfer paper, prints direct from the negative to stone, prints upon transfer paper pulled from intaglio half-tone plates. Prints from an etched half-tone block, transfers from collotype plates, the sand blast, asphalt and other processes—one and all have proved unequal to fulfil the requirements of modern printing.

Nevertheless, with all these processes now almost forgotten, it may truly be said that with the modern method, there is nothing new, but rather a perfection of the process that was used when the first attempt was made to print direct upon a sensitised stone. Those early lithographers had indeed dimly foreseen the results attainable to-day, but the difficulties confronting them were insurmountable. For example, among many other things, there was no offset press, a factor which from 1906 has been, and is still becoming of growing importance in the printing world.

Concurrently with these struggles of the early lithographer there has arisen, and has been developing, a formidable rival in photogravure. Again it may be truly said that in the face of this competition, photo-lithography could not have survived had it not been for

the high degree of efficiency attainable to-day by the offset printer. He alone it is that has given such a stimulus to the process, securing as he does the greatest possible value from the half-tone screen when it is used for photo-lithography.

For many years it has been said that the makers of process blocks do not understand the requirements of the offset printer. An outstanding example to the contrary is the London and Provincial Reproduction Co., Ltd., who are well known for the excellence of their process work, and since their inception thirty years ago, have passed through these experimental stages, and whilst doing so, have continuously worked hand in hand with the printer. The result of this co-operation is reflected in the offset photo-litho plate-making of this enterprise, which is now of undoubted excellence.

To meet the increasing demand for this class of work it has been found necessary of late years to specially design, build, and equip their premises with new and up-to-date plant. They have a fully qualified lithographic staff, and specialise in photo-litho work of any description. Whether highlight, pencil sketches, fine jewellery, heavy types of machinery, calendars, or booklets, they give an efficient and adequate service, including the provision of originals prepared by their own staff—the objective being that co-operation whereby the customer may consider their staff and equipment an extension of his own.

PUBLISHED THE FIRST WEEK IN EACH MONTH

London Typographical Journal

CIRCULATION, 9,000

ANNUAL SUBSCRIPTION 26 POST FREE

7-9 ST. BRIDE STREET, LUDGATE CIRCUS, E.C.4

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38,
Cable Street, Liverpool. "DIXO-
TYPE" THE ONLY BRITISH MADE
DRY FLONG. Also Tissue Blotting
and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38,
Whitefriars Street, London, E.C.4.
Phone: Central 3839. "IDEAL" Dry
Flong for Hand-casting and "CLEAR-
TYPE" Dry Flong for Machine Casting.
"PHOTOTONE" for Illustrations.

PETERS, W., Ltd., 11, Queen
Victoria Street, London, E.C.4.
"SILVERTONE" for cold moulding.
FLONGS for all purposes.

STEREO AND ELECTROPLANTS

HOE & CO., LTD., R., 109-112,
Borough Road, London, S.E.1.
Tel.: Hop 6604. Telegrams: Expugnator-
Sedist, London. Cables: Hoe, London.
Complete Lines of Rotary and Flat Stereo
and Electro Plants.

STEREOTYPING MACHINERY, ETC.



CRABTREE, R. W., &
SONS, LTD., Water Lane,
Leeds, and 9/11, Bowling Green
Lane, Farringdon Road,
London. ROTOPATE (Reg.
Trade Mark) and ROTASHAVER
Casting and Finishing Machines.

TINPLATE DECORATING MACHINES




CRABTREE, R. W., & SONS,
LTD., Water Lane, Leeds,
makers of the "ENSIGN"
Standard and Speedy TIN
PRINTING MACHINES
AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca,
Monmouthshire. London Office and
Stockrooms, 11-17, Plough Court, Fetter
Lane, E.C.4. Tel. Central 8640.
Manufacturers of the well-known hard
wearing RISCATYPE. All the best
known MONOTYPE faces in complete
founts, including the Gill Sans Family
6pt. to 72pt. It's the metal that counts.


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Deny Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C. 4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C. 1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C. 1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.**
Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfeld, 25, Lime Street, E.C. 3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N. 1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLLET," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPING CO., LTD., Printer Street, London, E.C. 4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cormick chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E. 1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C. 4. Tel.: Cen. 6722/3. 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 20s. 3d., 20s. 1½d., 6½ p.c. 1st pref. 24s. 9d., 24s. 6¾d., 8 p.c. pref. 24s. 3d., 24s. 1½d.; Argus Press pref. 27s., 27s. 1½d.; Argus Press Holdings 39s. 6d., pref. 24s. 6d.; Amalgamated Press (10s.) 20s. 9d., 20s. 10½d., 7 p.c. pref. 25s. 6d., 25s. 7½d., 4½ p.c. 1st deb. 102¾, 103xd.; Associated Newspapers 27s. 7½d., 27s. 6d., 5 p.c. pref. 22s. 3d.; British Glues and Chemicals (4s.) 4s. 1½d., 8 p.c. pref. 23s.; Buff Book 25s. 1½d., 25s. 3d.; Country Life 5½ p.c. pref. 18s. 10½d., 18s. 7½d.; Daily Mirror Newspapers 5 p.c. 1st deb. 105½, 106; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 103; T. De La Rue 16s. 6d.; J. Dickinson 46s. 6d., 46s. 1½d., 4½ p.c. 1st deb. 104; Eyre and Spottiswoode 4½ p.c. deb. 96, 99; Financial Newspaper Proprietors 6s. 4½d.; Financial News 5 p.c. pref. 16s.; Financial Times 8s., 7 p.c. pref. 19s. 6d., 19s. 4½d.; Hutchinson and Co. 1st pref. 16s.; Illustrated Newspapers 6s. 7½d., 6s. 6d., 7 p.c. pref. 18s., 18s. 4½d.; International Linotype 23½; Kelly's Directories 6 p.c. pref. 26s. 9d., 7½ p.c. pref. 29s. 6d.; Lamson Paragon 24s. 9d., 24s. 6d., 5½ p.c. pref. 23s., 10 p.c. pref. 30s. 3d.; London Express Newspaper 7 p.c. pref. 23s.; G. Newnes (10s.) 27s. 9d., 5 p.c. 1st pref. 21s. 1½d., 7 p.c. 2nd pref. (10s.) 12s. 9d., 12s. 6d.; Odhams Press (4s.) 9s. 7½d., 9s. 10½d., 6 p.c. pref. 23s., 23s. 6d., 6½ p.c. A pref. 24s. 3d., 24s. 4½d.; C. A. Pearson 5½ p.c. pref. 20s.; Portsmouth Newspapers 5 p.c. pref. 21s.; Sunday Pictorial 43s.; R. Tuck 15s.; United Newspapers 7½ p.c. pref. 3s. 9d.; Waterlow and Sons def. 18s. 3d., 6½ p.c. pref. 24s. 3d., 4 p.c. pref. 18s. 10½d.; Weldons 10 p.c. pref. 20s. 7½d., 6 p.c. pref. 19s. 3d., 20s.; Winterbottom Book Cloth 40s.

Dividends and Reports

WINTERBOTTOM BOOK CLOTH.—Directors recommend dividend of 1½ per cent. and a bonus of 5 per cent. on ordinary making 8 per cent. for 1933 (against 6½ per cent.).

PROVINCIAL NEWSPAPERS.—Profit to November 30th after depreciation, £176,338 (against £171,572).

F. HEWITT AND SON (1927), newspaper proprietors, Leicester.—Report for 1933 shows trading profit £32,444 (against £36,371). Net profit £25,375; preference and preferred ordinary dividends took £21,937, leaving £3,438. To directors' fees £1,750, special reserve fund (making this fund £27,045) £844, bonus to managing directors £168, dividend on deferred ordinary at 7s. 2 2-5d. (against 26s. 3 1-3d.) per share £900, less tax £225.

S P I C E R S

LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

FIELD, SONS AND Co. (printers and folding box makers, Bradford).—Report for 1933 shows net profit £31,710 and £53,132 available for distribution; 15 per cent. dividend, less tax, on ordinary shares; forward £29,558. Last year, 10 per cent., free of tax.

WYMAN AND SONS.—Three months dividend to March 31st, 1933, on 6 per cent. and 7 per cent. preference shares.

WELDON.—Interim dividend on the 10 per cent. cumulative preferred ordinary shares at rate of 7½ per cent. per annum.

New Companies

IRISH CARTON PRINTERS, LTD.—Capital £60,000 in £1 shares; manufacturers and printers of cartons and other materials for the packing and advertising of tobacco, cigarettes and other goods, etc. Private company. Subscribers: William P. Robertson and Archibald E. McIver (13, Argyle Road, Herbert Park, Dublin).

EAST DEVON COUNTY PRESS, LTD.—Capital £2,000 in £1 shares (1,000 5 per cent. cumulative preference); newspaper proprietors and general publishers, advertising agents and contractors, etc. Private company. First directors: Charles A. Morris, Alfred T. Gregory, J.P., M.B.E., Reginald L. D. Cruwys, Samuel C. Tremaine and George L. Morrish. Registered office: The Manor House, Honiton, Devon.

H. M. AVISON AND Co., LTD.—Capital £600 in £1 shares; engravers, designers, printers, artists, lithographers, photographers, etc. Private company. Permanent directors: Harry M. Avison, Harry Avison and Edward Avison. Registered office: 30, Kirby Street, Hatton Garden, E.C.1.

DAVIES AND LINGWOOD, LTD.—Capital £600 in £1 shares; printers, stationers, paper agents and merchants, paper rulers, bookbinders, etc. Private company. Directors: Jacob Davies and Ben Lingwood. Registered office: 25, Paper Street, E.C.1.

A. E. BAKER AND Co. (PRINTERS), LTD.—Capital £500 in £1 shares; to acquire the business of specialists in print photographic and commercial art carried on by Arthur E. Baker and Henry J. McCormick, at 7, Hills Place, Oxford Circus, W.1. Private company. First directors: Arthur E. Baker (permanent) and Henry James McCormick. Registered office: 7, Hill-Place, Oxford Circus, W.1.

HARROW TIMES PUBLISHING Co., LTD.—Capital £100 in 1s. shares; printers, publishers, advertising agents, manufacturing stationers, etc. Private company. First directors: Herbert F. Warcham and Herbert C. Wells. Registered office: 5, Wine Office Court, Fleet Street, E.C.4.

CLIFTON PUBLICITY (BRISTOL), LTD.—Capital £3,000 in £1 shares; to acquire the business of advertising agents and general publicity specialists, etc., heretofore carried on by Charles K. Staveley-Howard and John C. Sanders at 55-7, Lower Union Street, Bristol, as the "Inter-Empire Publicity Co." Private company. Managing director: Charles K. Staveley-Howard (9, Arlington Villas, Clifton, Bristol).

P. A. B. C. O., LTD.—Capital £500 in £1 shares; manufacturers, merchants and agents for the sale of paper, wrappings and boards, printers, stationers, etc. Private company. Subscribers: Harry G. S. Bengtsson and Lionel D. Darrell. Solicitor: O. A. Cayley, 30, Bedford Row, W.C.1.

J. MARTIN ROBINS PUBLICITY, LTD.—Capital £500 in £1 shares; advertising and publicity agents and specialists, etc. Private company. Directors: James M. Robins, Maxwell Gordon, Ben Drayton and Samuel Bard. Registered office: 65, New Bond Street, W.1.

"DAS FREIE WORT" PUBLISHING AND PRINTING CO., LTD.—Capital £500 in £1 shares; publishers and printers of books, newspapers, magazines and periodicals, stationers, etc. Private company. First directors: T. S. Stenberg and N. Baron, Ph.D., Econ. (London). Registered office: 151, Whitechapel Road, E.1.

FEATHERSTONE AND LOVE, LTD.—Capital £2,000 in £1 shares; paper merchants and manufacturers of and dealers in papers of all kinds, substitutes for paper and articles made from paper or pulp, etc. Private company. Permanent directors: Henry R. H. Featherstone and Reginald E. Love. Registered office: 168, Fleet Street, E.C.4.

JOHN HILL AND CO. (WASTEPAPER), LTD.—Capital £500 in £1 shares; import and export merchants and dealers in waste paper, waste rags and waste products and materials of all kinds, manufacturers of and dealers in paper of all kinds, etc. Private company. Directors: Bertram J. Ellerbeck, Ernst G. Zell and Henry T. Leppard. Registered office: 8, Philpot Lane, E.C.3.

Increases of Capital

HIGHFIELD PRINTING CO., LTD. (printers, bookbinders, etc., 94, Broad Street, Pendleton, Manchester).—The nominal capital has been increased by the addition of £2,350 in £1 ordinary shares beyond the registered capital of £1,500. The 3,000 ordinary shares of 1s. in the original capital have been consolidated into 150 ordinary shares of £1.

MEDICAL DIRECTORY, LTD. (publishers, etc.).—The nominal capital has been increased by the addition of £59,900 in £1

Comps LTD.

**LINOTYPERS
TO THE TRADE**

**LET US
QUOTE**

The extra efficiency we are able to give you, an ever-ready DAY and NIGHT SERVICE, and in cases of urgency, EXPRESS MOTOR DELIVERY, is worth at least something.

And our price, by the time the job is finished, has been proved to be the CHEAPEST in the Trade.

Some of our type faces:

14pt. Cheltenham Wide with Cheltenham Bold.

12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).

12pt. Kennerley and Italic.

12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.

12pt. Modern with Doric and Italic.

11pt. Scotch and Italic.

10pt. and 8pt. Cheltenham Wide and Italic.

10pt. and 8pt. Book-print and Cloister Bold.

10pt. and 8pt. Garamond and Italic.

10pt. Modern and Italic.

10pt., 8pt. and 6pt. Old Styles with Doric and Italic.

9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

ordinary shares beyond the registered capital of £100.

Mortgages and Charges

BATTLE BROTHERS, LTD. (printers and publishers, etc., 90 and 92, Clapham Park Road, S.W.).—Particulars filed of £26,500 debentures authorised January 12th, 1934, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

NATIONAL TYPESETTING SERVICE, LTD. (43, Thomas Street, Liverpool).—Particulars filed of £1,300 debentures, authorised January 26th, 1934, charged on the company's undertaking and property, including uncalled capital, the whole amount being now issued.

KELLY'S DIRECTORIES, LTD. (186, Strand, W.C.2).—Satisfaction to the extent of the full amount of the issue of £1,160,000 on June 6th, 1933, of debenture stock secured by trust deed dated July 30th, 1930, and by a supplemental deed dated August 4th, 1932, and registered August 1st, 1930, and August 17th, 1932, respectively. (Notice filed February 16th, 1934.)

TURNER BROTHERS (BIRMINGHAM), LTD. (tool makers and stationers' sundries manufacturers, etc., Hospital Street, Birmingham).—Mortgage on 28 and 29, Cliveland Street, Birmingham, and adjoining premises, dated February 3rd, 1934, to secure all moneys due or to become due from the company to the Midland Bank Ltd.

COOKE AND NUTTALL, LTD. (paper-makers, etc., Vale Paper Mills, Horwich).—Mortgage debenture dated February 12th, 1934, to secure £54,000 and further advances not exceeding £36,000 with a bonus in certain events. Property charged: Freehold and leasehold lands, etc., at Horwich and Blackrod, and the company's undertaking and other property, present and future, including uncalled capital. Holders: Friends' Provident and Century Life Office.

Receivers Appointed or Released

JOHN HIGHAM AND CO., LTD. (printers, etc., Hammet Street, Hyde).—A. Scott, C.A., of Corporation Street, Hyde, Ches., was appointed receiver on February 16th, 1934, under powers contained in certain debentures.

R. FLETCHER, LTD. (publishers, etc., 9, Bloomsbury Street, W.C.1).—N. W. Wild, of 42/5, New Broad Street, E.C.2, ceased to act as receiver and manager for the third debenture holders on Feb. 16th, 1934.

KRAFT SACKS, LTD. (Station Road, Welton, Midsomer Norton).—A. Collins, of 28, Baldwin Street, Bristol, ceased to act as receiver and/or manager on February 17th, 1934.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour **BLOCKS**. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

MACHINERY AND PLANT

FOR SALE: Two **GRAINING MACHINES** in good condition. Size of table 52in. by 43in. By Furnival and Hunter-Penrose. Six years old.—Offers to Box 16181.

MANN'S 64in. x 44in. Direct Rotary **LITHO MACHINE**, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

MAGAZINE for Linotype Model 1. Had little use. Offers.—Printer, Talbot Place, Trafford Bar, Manchester. 16176

QUAD DEMY Wharfedale, flyers, geared inkers, disers, etc., in good condition. Also Double Demy "Summit" Fine Art Machine.—Box 16159.

TYPOGRAPH Composing Machine, Model A, first-class condition. Moderate price.—Box 16178.

BUSINESSES

ESTABLISHED North London Printery, good Plant. Unique opportunity for young energetic Printer with £800 capital. Should yield £400 p.a. net profit. Serious inquirers apply.—Box 16182.

GENUINE Jobbing Printing Business; practical man's ideal; good-class work; modern plant; sacrifice; £550.—Box 16171.

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing **RISCATYPE**. 15732

3 CWT. Metal Gas Pot, by Falkirk Iron Co. Good condition. £3 f.o.r.—Innes, Cupar, Fife. 16169

**THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.**

PHONE
GERRARD 3664 (4 LINES)
The
**WEST END
ENGRAVING
COMPANY LTD
17, ST ANNE'S CT.
WARDOUR ST. W1**

WANTED

SITUATIONS WANTED

GUILLOTINE and Warehouse Hand seeks situation. Any class of work or machine.—Box 16170.

H. WHEELER, LTD., Weymouth, recommend Improver, Comp.-Machinist, age 21. General Jobbing and Display; Platen and Wharfe. 16179

LITHO MACHINE MAN (young), good experience both press and machine, Offset.—Box 16180.

MINDER seeks situation. Two-revolutions and Wharfe.—R., 18, Grenfell Road, Mitcham, Surrey. 16156

THE PRINTERS' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to **SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR** for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

WHITE Paper Warehouseman seeks sit.—G. Sheridan, 15, Nelson Avenue, Tonbridge. 16163

YOUNG Man requires situation Machine Minder Improver. Recently served 7 years' apprenticeship. Excellent references, L.S.P.—H. Myson, 3, Topsfield Cottages, Hornsey, N.8. 16183

MACHINERY AND PLANT

FOOLSCAP F. CYLINDER, Treadle. Give specification and cash price.—Box 16149.

WANTED.—Small **STEREO PLANT**.—2, Westbourne Grove, Sale, Ches. 16175

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

**INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS**

MESSRS. SAMUEL JONES AND Co., LTD., have applied for space in the first "Buy British" Exhibition Train which is scheduled to start from Birmingham on March 14th on a three months' tour of England and Wales.

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

DATE BLOCKS

"OXFORD" Series of

DATE BLOCKS
**WIDDOWSON & Co.,
LEICESTER.**

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHY -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2

H.E.W. JOHNSON LTD
METANA HOUSE HIND COURT FLEET ST. LONDON E.C.4

LAW FOR PRINTERS

An extremely useful book of reference.
Should be in the hands of all Master
Printers

Price 17/6 (Postage Extra)

STONHILL & GILLIS, LTD.
58, SHOE LANE, LONDON, E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. **Price 6d.**

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

**INFORMATION
SUPPLIED**

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

**Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4**

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678
Telegrams : "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

TRADE

NIXO

MARK

**RUBBER OFFSET BLANKETS
ZINC & ALUMINIUM PLATES
EVERYTHING FOR
THE LITHOGRAPHER
SPECIALISTS
IN
LITHO
SUPPLIES**

Send us your Enquiries:

W.R. NICHOLSON, LTD.
57-63, SCRUTTON STREET,
FINSBURY, LONDON, E.C.2.

*Telephones: Bishopsgate 4715-6.
Telegrams: "Planograph, Finsquare, London."*

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF TORONTO

PROCESS BUY  BRITISH COPPER

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 280

LONDON : March 8, 1934

EVERY THURSDAY
PRICE THREEPENCE

COLOUR IN PRINTING INKS

HIGH-GRADE INKS
FOR EVERY MACHINE
FROM THE ROTARY
TO THE HANDPRESS

LORILLEUX & BOLTON

Eclipse Works LTD

Ashley Road . Tottenham . London N.17

Tel : Tottenham 3721-3

Grams : Frequentia Phone London

2/3rds OF BRITAIN'S PRINTING METAL IS FRY'S METAL

A leaflet on the proper use of reviving metal

Fry's Reviving Metal properly used will save quite a lot of money during the course of a year.

For instance, when it is not convenient to add new metal to your stock every week, or when you wish to put new metal into your machine and not remelt with your old stock, a small proportion of reviving alloy added to every remelting will keep your metal up to standard.

Please write for a copy of the leaflet.

FRYOTYPE

Meets the requirements of every printer

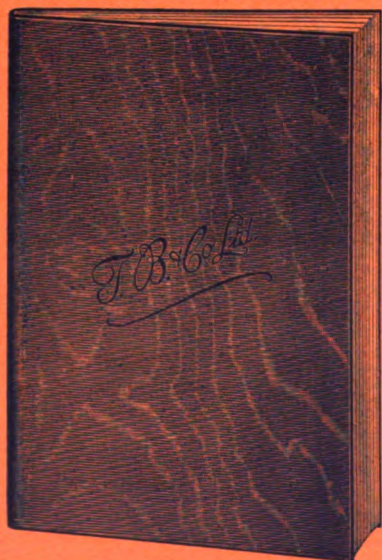


FRY'S METAL FOUNDRIES LTD

Tandem Works, Christchurch Road,
London, S.W.19

MANCHESTER · BRISTOL
GLASGOW · DUBLIN

ENVELOPES



Better Envelopes for your Customers !

The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines.

Post Free upon application, this is a handy means of reference for all engaged on selecting the right envelope for the right job.

THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 280

LONDON : March 8, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE time is drawing near when printers may expect a visit from their factory inspector in search for delinquents in the matter of guillotine guards. After the end of April there will be short shrift for those who have failed to observe the requirements of this new regulation.

* * *

Cost of Guarding Guillotines

WE heard of one large firm whose bill for guards to comply with the Act ran into four figures. There is no return on this outlay, in fact there is no visible benefit, but instead a very visible slowing-down. Our cutting will cost us more in two ways: First, it will take longer; and, secondly, the depreciation, interest on capital and other incidental charges will be higher, raising the hourly rate. Of course there will be many printers who will not notice this because they give their cutting away. It would do this type of competitor a world of good to study his cutting costs as an individual item, observing also the amount of cutting time that goes into the larger jobs.

* * *

Guarding Overhead Drives

WE remarked a peculiar accident recently, in which a belt slipped from a pulley and managed to pull down and break a couple of hangers and a short length of shafting—this, notwith-

standing periodic inspection of all brackets, hangers, belts and shafting. It is advisable to organise and insist upon a monthly survey of these factors, and it is surprising how many faults develop even in a very well conducted place. There is the further point in connection with overhead shafting that it should be guarded. The Home Office is strengthening its attitude in regard to this particular risk, and it must be admitted that there is serious danger in the overhead drive attachments. More especially is this so when, as is most often the case, no particular examination of fitments is carried out. The best form of protection is that provided by strong wire guards made and fitted specially. They are comparatively cheap and extremely serviceable.

* * *

Training the Unemployed

SINCE the appearance of our notes on the possibility of providing broader facilities for training and practice, we have heard from several sources of courses that are given to unemployed printers. Apparently something on a small scale is attempted in a number of centres of technical education. In some cases the training is free, and in others there is a nominal registration fee. In all cases there is the drawback of inadequate accommodation or equipment and the difficulty of fitting in these extra classes

ON OTHER PAGES

	PAGE
Personalia	234
Should Sketches be Paid For ? ...	236
Y.M.P. Summer School	236
Mr. E.C. Potter—	
New Chairman of Litho Auxiliary ...	238
The Printing Crafts Guild	239
Trade Notes	240
A Printer's Affairs	240
L.M.P.A. Meetings	240
The Worker's Mind—	
Its Importance to Printers	242
Lithography as a Science—	
By F. J. Tritton, B.Sc., A.I.C., F.R.P.S. ...	244
Are Overlays Always Necessary ? ...	246
New British Patents	248
Adhesives : Why Do They Stick ?—	
Mr. Charles Harrap Answers	249
Problems of To-day and To-morrow—	
Mr. L. J. Cumner Addresses Printers ...	250
A Bristol Printer—	
Talks to Paper-Makers	251
Stationers' Co., etc., Examinations ...	252
Commercial Review	253

and courses. Then there is the time and the cost—matters that cannot escape consideration, however desirable the main scheme might be. If it were panned out equally, the cost should be borne by the industry (employers and employees' organisations), with help from either the local or the Government authority. There would be no difficulty in providing intensive training for men if they were needed to help in a national emergency, but the sort of mentality that governs big issues is lacking when merely unemployment is at stake. In the case of our technical institutions there is a tremendous

difference between day and evening conditions, and between winter and summer sessions. In most places there are the quiet periods of the daytime, and where there are classes some of them are small enough to be negligible. More can be done to help the unemployed journeymen than is being done at present if there is the force behind the movement. Unfortunately it is the fact that the driving force has to come mainly from the trade unions. Employers are on the whole unconcerned, or too wrapped up in their own particular problems and difficulties.

PERSONALIA

Mr. F. Scarsbrook (president) presided at the coming-of-age dinner of the Association of Master Printers of West and North-West London at Pagani's on Tuesday evening. Mr. Scarsbrook, who is now within sight of his eightieth birthday, is justly respected as the father of the Association. He was president in 1915-16, and was elected again this year to fill the same office after a lapse of nineteen years. His chairmanship at the largely-attended dinner was delightfully genial.

Mr. J. A. Corey, managing director of Nickeloid Electrotpe Co., Ltd., and **Mr. G. Gledhill, M.P.**, have been elected vice-presidents of the British Sales Promotion Association.

Mr. J. H. Whitehead, works manager of the Pocock Street Printing Works of H.M. Stationery Office, was last week invested with the insignia of the Order of the British Empire.

Mr. W. P. Le Bas, managing editor of the "Jersey Morning News," has been re-elected to the vice-presidency of the Jersey Commercial Association.

Mr. W. J. Vernon has been elected vice-president of the Typographical Association. **Mr. J. D. French** continues as president.

Mr. George E. Beer and **Mrs. Agnes Carruthers** have been re-elected chairman and vice-chairman respectively of the Council of the Newspaper Press Fund.

Mr. James M. Robertson, the manager of the printing works department of the "Newcastle Journal," has been seriously injured in a street accident.

Mr. A. E. Adams, deputy-overseer of the machine room at the "Newcastle Chronicle" offices, who retired last week after forty-nine years' service, was presented with gifts for himself and his wife. **Mr. F. H. Parsons**, works manager, made the presentation on behalf of the staff.

Mr. Harold Langley, son of the late Mr. Alfred Langley (of the Euston Press) and of Mrs. Langley, was married on Saturday to Miss Joan Harrison, daughter of Mr. and Mrs. Edgar Harrison, of Hampstead, at St. John's Church, Hampstead.

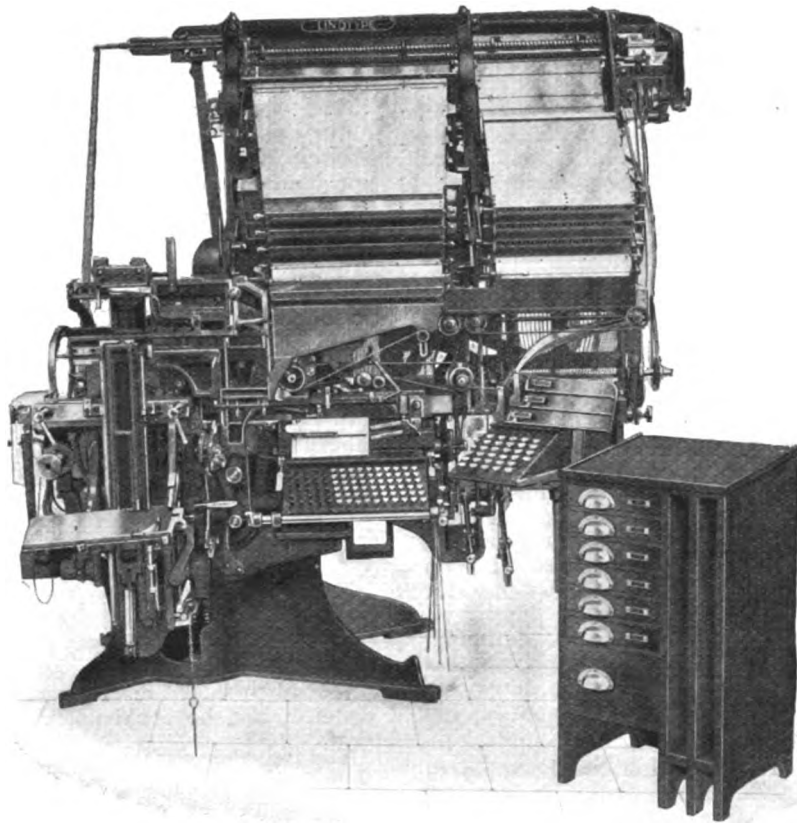
Mr. E. G. Leonard, who was one of the first Linotype operators on the staff of the "Sheffield Daily Telegraph," has retired on pension. He recalls that the first week's output on one machine was equal to about two hours' work to-day.



THE COMPLEMENT
TO GOOD COPY
IS A PICTURE

USE MORE BLOCKS

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS



Put your Best Jobbing Compositor on this machine

and he will multiply his skilled output of
display matter six or more times.

All his time will be occupied in production—
not a minute will be employed in the search for
sorts or on costly distribution. He will give you
new display type for every job in the way you
want it—as **set** type, ready for quick make-up.

LINOTYPE AND MACHINERY LIMITED, LONDON

Should Preliminary Sketches be Paid For?

Printers' Unsuccessful Claim

The question whether a firm of printers and show-card makers were entitled to charge for sketches they had made in the hope of getting an order, was decided last week by Judge Moore, in the Southwark County Court. The plaintiffs were Messrs. Baker and Son, Ltd., of 236, Blackfriars Road, S.E., and the defendant S. Weissberger, hosiery manufacturer, of 60-63, Aldermanbury, E.C., who was sued for £2 2s. for work done on December 20th.

New Sketch Made by Request

Leonard Charles Baker, director of the plaintiff company, said he called upon the defendant on November 23rd last, with a view to securing an order for printing. The defendant asked for suggestions for inclusion on stockings that he sent out, for display purposes. Various sketches were made and submitted to the defendant, who rejected them, and the defendant then suggested a colour scheme the colour of a certain magazine, on show at a bookstall. An artist was sent to the bookstall, and a new sketch submitted. Eventually, they received a letter from the defendant saying their price was too high. The condition that work produced at the customer's request in an experimental way should be paid for, was printed on the back of the estimates.

Cross-examined by Mr. Edric Philcox, who appeared for the defendant, Mr. Baker agreed that if they had secured the order, no charge would have been made for the sketches. He agreed there was no indication on the front of the estimate to show that the conditions were printed on the back, and the conditions were not referred to in the correspondence.

Judge Moore: Apart from these conditions on the back of your estimate do you consider you have a claim?—Yes, sir.

The witness agreed that initial suggestions were never charged for. He was not aware that five other printers were also submitting suggestions, but it was not unusual to work in competition. After he had submitted the initial suggestion, the work that followed was carried out on the defendant's instructions. When the defendant asked for modifications or alterations of original designs, he considered he was entitled to charge.

The defendant said there was no agreement to pay anything, and he understood the plaintiffs were submitting designs in the hope of getting the order. In any event, the plaintiffs' prices were higher than others that were submitted, and, with five other firms sending in designs, it was ridiculous to expect him to pay them all for the suggestions.

Printed Conditions Insufficient

Giving judgment, Judge Moore said the question was one of degree. The conditions could not be relied upon by the plaintiffs, because the defendant's attention was not drawn to their existence. The plaintiffs, therefore, had to show there was a contract to pay for the sketches, and he could not come to that conclusion.

The true view was that the work was done in the hope of securing a contract, and the plaintiffs might have been disappointed when they failed. There was a sprat to catch a whale, which did not succeed. It was necessary in making a contract for both parties to realise and recognise the liability under the contract, and he was satisfied that whatever the plaintiffs may have thought, the defendant never thought he was going to be charged for the sketches. Under those circumstances, he would have to find in favour of the defendant, with costs.

Y.M.P. SUMMER SCHOOL

PROMINENT LECTURERS BOOKED

The Council of the Federation of Master Printers has authorised, as we have previously announced, a Summer School for Young Master Printers. The School will be held in Edinburgh from July 16th to August 11th, and accommodation will be provided at one of the hostels occupied during term by students of Edinburgh University.

The following are the names of the lecturers, with the subjects they will speak on, with the number of lectures in parentheses: J. A. Stembridge (factory management 8, technical—lighting, heating, and ventilating—1); H. W. McKenzie (factory management, 2); Professor J. Drever (factory management, 2); Dr. G. L. Riddell (factory management, 1); A. Williamson (costing, 1, estimating, 7); F. H. Bisset (book-keeping, 4); F. V. Nicholls (estimating, 6); W. T. Baxter (economics, accountancy, and business

administration, 12); J. R. Philip (law for printers, 3); M. C. Badcock (salesmanship, 1); H. Whitehead (salesmanship, 3); John Crowlesmith (salesmanship, 1); C. T. Tarr (typography and layout, 1); C. Parkinson (lithography, 1); W. B. Hislop (process engraving, 1); R. B. Fishenden (photogravure, relations of processes, ink, 3); A. H. Munday (metals, 1); J. E. Aitken (paper, 1).

The four weeks' course entails intensive study during the week-days, including, in addition to the lecture courses, works visits and informal discussions. Saturdays and Sundays will be free. The inclusive fee for the full course is £20. A two weeks' course can be taken if desired. Mr. A. S. Calder, secretary of the Edinburgh Master Printers Association, will act as "Father" at the hostel.

WHY NOT RISCATYPE

AND FILL ALL YOUR CASES
WITH UP-TO-DATE FACES?

SEND FOR RISCATYPE 1934 CATALOGUE
150 PAGES, BOUND LOOSE LEAF SHOWING
NEARLY 100 DIFFERENT SERIES OF THE
MOST MODERN TYPE FACES

SOLE MANUFACTURERS OF
Registered **RISCATYPE** Trade Mark

YENDALL & Co. Ltd.

Tel. RISCA 7439

Typefounders, RISCA, Mon.

For London Customers: 11 PLOUGH COURT, FETTER LANE, E.C.4. Tel. CENTRAL 8640

MR. E. C. POTTER

NEW CHAIRMAN OF LITHO AUXILIARY

Continuing their enterprise in obtaining well-known and popular chairmen at their concerts, the Lithographers' Auxiliary to the Printers' Pension Corporation have been successful in securing Mr. E. C. Potter to preside at the concert to be held on Monday,



MR. E. C. POTTER

Managing Director of Algraphy, Ltd

March 19th, at the Cannon Street Hotel. Mr. Potter is not by any means a stranger to the work of the Auxiliary and other philanthropic activities connected with the industry. He has actively supported the Auxiliary for many years, and was associated with the concerts even in the days when they were regularly held at Anderton's Hotel, Fleet Street, during and before the War.

Mr. Potter is the managing director of Messrs. Algraphy, Ltd., of Peckham, the well-known suppliers of everything required by the offset printer. Mr. Potter, it is interesting to mention, comes of an old printing stock, the family having been master printers for over a century. Outstanding names connected with the Potter family include Mr. Charles Potter, a famous Cork printer, Potter Bros., of Kingsland (the "Hackney and Kingsland Gazette"), and Potter, Batten and Davies, of Clapham, S.W. Mr. E. C.

Potter, however, always clung to the lithographic side of the industry, and joined the staff of Algraphy, Ltd., at the formation of the company in 1898 at its school of instruction installed in Rosebery Avenue. When the sales portion of the business was taken over by the Machinery Trust, he became associated with such well-known figures as Messrs. T. Atkinson, W. Griggs, J. W. Blakeborough, J. S. Morriss, D. Maclean, W. R. Nicholson, C. W. Sperring, etc.

Under his able guidance the extremely difficult times associated with the introduction of plates and blankets for offset presses by the manufacturers of this type of apparatus were successfully overcome, until now the company has reached a highly efficient state, and at the present time ranks as one of the leading supply houses in the lithographic trade for plates and blankets.

In spite of the difficulties of the times, Mr. Potter is hopeful of receiving from the industry the support which the cause so richly deserves.

The State of Employment

Encouraging Returns

In view of the fact that in British industries generally the unemployment curve in January showed an upward movement, the latest official returns concerning the printing and allied trades are encouraging.

Employment in the paper-making industry during January was good generally; it declined somewhat compared with the previous month, but was better than during January, 1933. Employment in the letterpress printing industry improved slightly during the month, and remained fair generally. In London and at Birmingham, Leicester, Edinburgh and Glasgow employment was described as slack; whilst at Derby it was reported as fairly good, and at St. Albans and Watford as good. Employment with electrotypers and stereotypers continues good on the whole. In the lithographic printing industry employment declined slightly, but remained moderate generally. It was reported as bad in London and at Birmingham, Manchester and Edinburgh, and as fair at Glasgow and some of the smaller centres. With lithographic artists employment was again fair to moderate. Employment in the bookbinding industry was fair generally; it was slightly worse than during the previous month, but better than during January, 1933.

The percentage of insured workpeople unemployed, including those temporarily stopped, in the paper and paper-board industries was 7.9 at January 22nd, 1934, compared with 6.7 at December 18th, 1933, and 10.8 at January 23rd, 1933. The corresponding percentages unemployed in the printing and bookbinding industries were 10.2, 8.6 and 11.3; and in the cardboard box, paper bag and stationery industries 7.6, 4.8 and 9.9.

The Printing Crafts Guild

Visit to Works of Linotype and Machinery

By the courtesy of Linotype and Machinery, Ltd., the Printing Crafts Guild of the College of Technology, Manchester, was permitted recently to visit their extensive works at Broadheath. About 100 members availed themselves of the opportunity, being welcomed at the gates by Mr. Bullivant, of the L. & M. company. The party was formed into groups and led through the various departments, seeing practically the "birth and growth of a Linotype."

Accurate Workmanship

Large-scale drawings of alphabetical characters imposed and traced on a pantagraph machine showed the first stages of the making of a matrix. This was followed through a maze of intricate mechanical processes to the final stage of testing. The precision and exactness insisted upon was seen to be amazing, and the immense output of matrices bewildering.

From the foundry, where every part of the machines is cast, the parties were taken to departments which showed how rough castings were transformed into perfect components through giant planing machines, to testing instruments of extreme and delicate precision. Numbers of completed Linotypes of all models were seen awaiting shipment.

In the Printing Machine Department many sizes of Miehle machines, from 60in.-40in. perfectors to demys, were seen in operation, fitted with the latest automatic feeders and running at wonderfully high speeds.

The Rotary Intaglio Press, which had been described in a lecture by Mr. J. D. Gooderham just previously at the College of Technology, created great interest, the handsome printing executed on it being of particularly high character, and much admired.

The party afterwards assembled in the spacious works canteen where, through the kindness of the firm, the tables were invitingly laid out for tea, which was excellently served and thoroughly enjoyed.

An Impressive Demonstration

Mr. E. Fisher (president) on behalf of the Guild thanked the company for their generosity, and expressed the hope that what had been seen of L. & M. products would impress every visitor with the high standard of workmanship and quality involved, making one feel a just pride in British-made machines.

Mr. Lionel Cowen, hon. secretary, paid tribute to the guides and canteen staff, and asked the members to show their appreciation for all that had been done on their behalf, a request which was heartily responded to.

Mr. Bullivant replied on behalf of the L. & M. company, expressing his pleasure that the visit had been so well attended, and that they had been able to show many departments working. He hoped the members had benefited by coming and would speak freely to their printing colleagues of what they had seen. He invited the party to inspect the spacious rooms used for social welfare, where billiards and other recreations for the staff might be indulged in.

The visit was acclaimed to be one of the most enjoyable and instructive of the session. E. F.

Likely as not you think of us mostly as makers of fine process engravings; but for years now we have produced photographs, set up advertisements, and made electros and stereos for national campaigns and for single insertions. The quality of the finished job — photography, blockmaking, typesetting and casting — is assured, yet we are every bit as speedy as the best of 'em. K & C galvanos are guaranteed for colour work; and for very long runs our direct nickel electros will outlast the original. Send for a free copy of our detailed foundry price list.

Knighton & Cutts^{LTD}

Process Engravers, Photographers for Advertisers, Typesetters, Electrotypers and Stereotypers, Ham Yard, Piccadilly Circus, London, W1 • Gerrard 5231 (6 lines)

TRADE NOTES

INDUSTRIAL NEWSPAPERS.—Reduction of capital has now received sanction of the Court; £6,250, less tax, will be distributed to preference shareholders in satisfaction of dividend to September 30th, 1933, payable on March 31st, 1934, when it is anticipated that interim dividend on the 6 per cent. cum. pref. shares will be added for the six months ending with that date.

At the meeting held on Thursday of Field, Sons and Co., designers, colour printers, etc., the chairman announced that the directors were contemplating the issue to ordinary shareholders at a premium of the remaining unissued ordinary shares to finance recent structural improvements at the factory.

The premises of Mr. N. Lewis, printer and stationer, 116, Gorbals Street, Glasgow, were damaged by fire last week.

BOOKS FOR U.S.A.—According to a new ruling of the U.S.A. Commissioner of Customs, on the marking of imported books, the marking must now include the name of the country of origin. The name of a subdivision such as a kingdom, principality, state, or province, or of a city, within the country of origin is not alone sufficient.

The sixth and final Stationers' Hall lecture takes place on March 16th, when the subject will be "Views on Technical Education." The speakers will be Mr. S. Thorogood, A.R.C.A., Camberwell School of Arts and Crafts; Mr. A. E. Jeffery, B.Sc., the North-Western Polytechnic; and Mr. J. R. Riddell, London School of Printing. The Senior Chief Inspector of the Board of Education, Mr. E. G. Savage, will preside. The meeting begins at 6.30, and admission is free to all engaged in the industry.

The question of arranging typography classes at the Bournemouth Municipal College was discussed at the recent annual meeting of the Master Printers' Section of the Chamber of Trade. It was decided to communicate with the art master at the College requesting him to present a scheme for the consideration of the Section.

MR. DAVID H. PAYNE, who has died in London, aged 69, was a grandson of David Payne, of Otley, inventor of the Wharfedale printing machine. He was engaged for some years in the Otley printing machine trade, and latterly had been associated with Linotype and Machinery, Ltd.

The death occurred on Sunday of Mr. Edward Tebbutt, director of Allied Newspapers, Ltd., managing director of the "Newcastle Chronicle," Ltd., and since September, 1932, general manager of the Manchester organisation of Allied Newspapers. He was 56 years of age. Mr. Tebbutt was formerly editor of the "Daily Graphic," and subsequently London editor-in-chief of Allied Newspapers.

The death, at the age of 74, of Mr. John Dixon, of Heaton, Newcastle, removes one of the best-known members (a past president) of the Newcastle branch of the Typographical Association. Mr. Dixon was a native of Newcastle, and worked for Messrs. R. Robinson and Co., printers, Clavering Place, Newcastle, for a long period, retiring about four years ago.

AFTER 113 years of publication in Calcutta the "Englishman," one of the oldest newspapers in the Empire, is to cease publication. From March 26th it will be incorporated in the "Statesman," which will for the first time publish a Monday edition.

A Printer's Affairs

Herbert Cecil Grellier, printer and box-maker, of 112-116 Pembroke Street, Islington, who failed in May, 1933, applied last Thursday to Mr. Registrar Warmington at the London Bankruptcy Court for an order of discharge. The Official Receiver reported that the ranking liabilities amounted to £3,783, and the assets had realised £8. The debtor had acted as advertising agent for four Australian newspaper proprietors, and had been in receipt of about £1,000 a year from that source, but resigned his position in January, 1932, because of his financial difficulties in other matters. He had been a director of J. G. Grellier and Sons, Ltd., which was formed to take over his father's business of a printer and stationer. He held one-third of the capital, and from time to time financed the company and guaranteed its liabilities. A receiver for the debenture holders was appointed in December, 1930, and the debtor estimated his losses over the company at £7,000. In September, 1930, he began business as a printer and box-maker as "Grelliers" and farmed out his orders to J. G. Grellier and Sons, Ltd. After the appointment of a receiver for that company he took over the machinery, and afterwards executed orders on his own account. He attributed his insolvency to the failure of the company. The discharge was suspended for four months.

L.M.P.A. Meetings

The following District Association meetings of the London Master Printers Association will take place during March:—

13th.—South-East—"Questions and Answers" meeting, at the Bridge House Restaurant, London Bridge. South-West—Talk on "The Practical Application of Co-Partnership" by Mr. D. Hutchison, of Messrs. Bryant and May, Ltd., at Arding and Hobbs Restaurant, Clapham Junction.

20th.—Central Districts—Lt.-Col. R. F. Truscott on "My Castle in Spain," at Stationers' Hall.

21st.—East & North-East—"Questions and Answers" meeting arranged by the Y.M.P. Group at the Y.M.C.A. Restaurant, Forest Gate, E.7.

On March 22nd, takes place the L.M.P.A. annual dinner, dance and cabaret at the Hotel Victoria, Northumberland Avenue, W.C.2.

MR. WALTER E. HARRISON, Sproughton and Ipswich, bookseller and printer, left (net personalty £10,843) £23,816.

SPRING

IS COMING . . .

AND WITH IT THE
SPRING NUMBER OF
PAPER & PRINT
LOOK OUT FOR THE
ATTRACTIVELY PRINTED
GREEN COVER

If you are not already a subscriber fill in the form below and make certain of getting your copy. Paper & Print is in universal demand and all previous issues are out of print.

PUBLISHED QUARTERLY:	THE ANNUAL SUB-
SCRIPTION IS FIVE SHILLINGS, POSTAGE INCLUDED	

Please send me (us) "Paper and Print" each quarter till countermanded.

Name

Address

"Paper & Print," 58 Shoe Lane, London, E.C.4.

THE WORKER'S MIND

ITS IMPORTANCE TO PRINTERS

The importance of applied psychology in the printing trade was the topic of the meeting on Tuesday of last week of the West and North-West London Master Printers Association at the Grafton Hotel, Tottenham Court Road, W.C., when Dr. G. H. Miles, director of the National Institute of Industrial Psychology, gave



DR. G. H. MILES

Director, National Institute of Industrial Psychology

an address on "Understanding the Worker's Mind." Mr. F. Scarsbrook, president, presided, and among those present were Mr. F. A. Perry, Mr. L. C. Langley (secretary), Mr. W. J. Mizen and Mr. T. D. Hawkins.

Mr. Langley having dealt with preliminary business, the chairman welcomed all present, making special mention of a visitor in the person of Mr. Bilton, of the University Tutorial Press, Ltd., Cambridge.

Workers' Changed Outlook

Dr. Miles, in opening, said that the subject was certainly a difficult one. They would appreciate that, because often they could not understand their own minds, and to understand the minds of other people would be an exceptional thing. In dealing with groups of people it was essential to understand at least some-

thing of the way in which they thought and of the way in which their minds could be influenced in certain directions. The difficulty frequently arose of not thoroughly understanding the worker's outlook. That was to a certain degree due to the way in which the workers of to-day were different from the workers of past years. Generally in executive positions, as heads of departments, and foremen, they had people of a previous generation who had to understand and utilise the group which had been brought up differently and had a different outlook.

The difference was due, to a large extent, to the education of those young people, who also had additional sources of information in the Press, radio, and the cinema. Thus there was a group of people whose mental outlook was different from that of their predecessors of any previous age. And the understanding of that new outlook was a very important factor in the running of industry, and would become still more important in the future.

Leading Instead of Driving

Proceeding, Dr. Miles cited an experiment which had taken place in the United States to find out what the workpeople were thinking, whereby it was eventually found that better work was produced when more attention was given to the workers, and when the supervision took the form of leadership instead of driving. They could always get more from a person by drawing him on than by driving. The modern operative and worker, he considered, could best be dealt with in the spirit of his being a co-worker. Rather more would be got from him, and under more pleasant conditions.

They might have found the need for a change of some system in their works and been surprised at the amount of opposition to that change on the part of the workers. That opposition was often translated as wilful opposition to new methods. Really the workers were trying to understand the scheme. If it had taken the directors several months to devise the scheme, the workers could not be expected to understand it in half an hour. It was essential to spend a certain amount of time in "selling" the scheme to the workers.

Ideas that Die Hard

Speaking of peculiarities in the mind of the worker, Dr. Miles said that fear of the cutting of rates was one. It would probably take another generation of fair play before that particular fear would die out. In most factories the worker had little opportunity of expressing his ideas to the management. Yet frequently the worker knew that certain methods in use were not the best, but he would not complain, for the reason that it was the general impression that it is the management's job to manage. Dr. Miles advocated the setting up of "suggestion" schemes.

From all points of view one of the things that would have to be considered was whether the present methods of management and supervision are to a certain extent carry-overs from past generations, and whether they

are really suited to the mind of the present generation.

The Mind and the Job

There was another angle to the matter, the speaker continued. Had they ever compared the early type of small printer, who had a hand press and three or four men, with the modern type of printing organisation, where the latest in rotary presses, photographic methods, and type-casting machines were used? Contrast the mind of the man who had to work among that machinery and the mind of the worker in a more simple age. The two minds were entirely different. In that connection he would emphasise the importance of trying to know the worker's mind from the point of view of suitability to the job. Dr. Miles indicated here various types of mentalities one came across and pointed the way to finding out whether a man was physically and mentally capable for his job. Some men could only handle fast machines, others could only deal with slow machines, while a third group was satisfactory with any type.

In drawing his remarks to a close, Dr. Miles said it was quite possible to investigate the worker's mind and find out the qualities needed for particular jobs, and to devise tests for newcomers to the industry. He mentioned trades in which they had done that. Such measures weeded-out the incompetent workers, who not only wasted material but were a nuisance to their fellow workers. With competent workers the need for supervision was lowered.

Considerable discussion followed in which the value of a "break" for tea was discussed at length, many contending views being expressed. The present educational methods also came in for criticism. Amongst those joining in the discussion were Messrs. Perry, Scarsbrook, Sidders, Neale, Bilton, and Langley.

The chairman proposed the vote of thanks, which was cordially passed, and Dr. Miles briefly responded.

Overseas Trade

THE Board of Trade have received a copy of a Government Notice No. 510, dated December 9th, which provides that printed advertising matter shall be admitted free of Customs duty into Malta. The Notice states that printed advertising matter refers to catalogues of goods and prices, prospectuses, posters and printed propaganda which without commercial value proper is intended to induce the public to buy goods, to visit places, markets or exhibitions, or to utilise services, in particular communication services, on condition that such advertising matter is distributed free of all charges, and carries in print the name of the firm or undertaking advertised, and on condition that its character of advertising matter shall be obvious.

THE Board of Trade have received a copy of a Notification, published in the "Seychelles Government Gazette" recently which provides that printed matter and ordinary or registered packets received through the mail shall be exempt from package tax.

PRINTING machines and their spare parts are included amongst many goods of Swiss origin which may now be imported into Turkey free of all quota restrictions—according to a provisional agreement which has been signed between Turkey and Switzerland.

MORE TRADE FOR YOUR CUSTOMERS

means

more business for you



Advise them to use the free space on their parcels. Large, brightly printed gummed labels cannot be overlooked. Print them on Samuel Jones' Coloured Noncurling Gummed Paper.

There is a

SAMUEL JONES' GUMMED PAPER
suitable for all known printing processes

GUMMED PAPER IS EASY TO PRINT, EASY TO STORE, EASY TO USE



SAMUEL JONES & CO. LTD

Bridewell Place, London, E.C.4.

The Study of Lithography as a Science

By F. J. TRITTON, B.Sc., A.I.C., F.R.P.S.

Manager, Process Dept., Ilford Limited

(Concluded from page 225)

Photo-Lithography

Photo-lithography is now well to the fore, and fully deserves all the attention which it has received, since there is no doubt that it is rapidly displacing hand-drawn and transferred litho plates.

There used to be much discussion as to whether or not the ink penetrates through the albumen image and anchors on to the metal in the normal lithographic manner. About 1914 several special methods of working were suggested with a view to achieving this desirable object, but a few simple experiments by Turner and Hallam in 1926 finally settled the matter by showing that the ink did not get through to the metal.

In recent years photo-lithography has received more study than any other branch of printing, and as a consequence the process is making rapid strides, but at the same time the available information is not yet sufficiently disseminated.

The publications of the Lithographic Technical Foundation on the best composition of albumen sensitising solutions and those of Mayer on the control of the amount of ammonia which should be added, are worthy of far greater attention than has yet been paid to them, and they are likely to rank as important contributions to the subject. Photo-lithography still seems to be considered in some quarters as a rather unreliable process, but there is no justification for this if the results of experimental work already published are applied intelligently, and if the various steps of the process are controlled in the accurate manner which is required of a modern chemical process. Without this attention to detail, failures must be expected to occur, although there is little doubt that further experimental work will lead to improved methods of working. The Vandyke and Dougla-graph methods for the reversal of photo-lithographic images enable the advantages of photographic methods to be combined with a true lithographic image in which the ink is in chemical contact with the metal. Further extensions of these processes have led to successful offset-deep methods which certainly offer commercial advantages for many classes of work and represent a real advance in lithographic technique.

Offset Deep

It is outside the scope of this lecture to go into the working details of offset-deep, but there seems to be an impression that the process is essentially difficult. Since there are more steps involved in the preparation of an etched than of a non-etched plate, there must be more possibilities for failure, but with adequate standardisation, such as every competent printing shop should now install, it will be found that offset-deep plates can be and are being turned out regularly. Nevertheless, further investigation of several points is required before it can be said that such processes are

reasonably understood from the scientific point of view; and when this work has been done, there is no doubt the process will be simplified. In particular the acids employed for etching into the surface of the metal require much further investigation before it can be said that the most satisfactory formulæ have been evolved.

Colour Lithography

Colour lithography is another subject where standardised methods of working and controlled methods of colour correction would surely be of immense advantage. In the early days of the application of the photographic methods to colour litho, it is not surprising that the technique of chromo-lithography was followed, and the photographic image used mainly as a means for giving the drawing. With advancing experience and greatly improved methods of colour correction, by which I refer to the modern dot-reduction methods, much more reliance is now placed on the colour separation provided by the filters and panchromatic plates.

Nevertheless, the standardised methods employed in colour half-tone block-making are still far from being

**When there must be
NO MISTAKES use these**

KIDD'S SET-OFF ELIMINATOR

Improves working of offset, litho and letterpress inks, aids absorption and prevents sticking. Very economical in use.

Price
3/-
per lb.



KIDD'S MATT DRIERS



Price **2/9** An effective Drier for letterpress, litho and offset inks. Acts also as reducer. Does not injure colours and retains matt effect.

KIDD'S PASTE DRIERS

Particularly useful when printing on hard surfaces. Does not reduce the body of the ink, nor impair "finish" or gloss.

Price
2/6
per lb.



Manufactured by

JOHN KIDD & CO. LTD.

10 & 11, WINE OFFICE COURT, FLEET STREET, LONDON, E.C.4

employed in lithography for two reasons; in the cheaper-quality work for which four-colour printing is considered satisfactory, it is usual to require great brilliance of colour, but, on account of the nature of pigments and inks which have to be employed, sufficient brilliance cannot be retained without considerable retouching; in the higher-quality colour work, and where facsimile reproduction is required, a larger number of printings prove to be necessary than in relief printing, and consequently the three-colour theory is liable to be ignored or looked upon as merely a rough guide.

Use of the Three-Colour Principle

In my opinion there is no justification for this attitude, and I have been surprised that apparently no one has attempted to produce six- or seven-colour litho on strictly three-colour principles. In some work on this subject that I carried out, I was able to show that the best-quality facsimile reproductions could be done using any original and only four standard inks, namely the tricolour set and black, but the yellow, red and blue were used twice over, making seven printings in all. This has the immense advantage that it is possible to know, before starting the retouching, just where and how much alteration will be required; and, since every subject is treated in an identical manner, the necessary experience is soon gained. Further, great accuracy in the colour correction is not required, because the necessity to print each colour twice, in order to build up sufficient body, means that any errors in the correction of the first three plates are obvious on the progressive proofs, and can be corrected in the next corresponding plate.

Naturally, there is no objection to one of the sets of printings being done with diluted inks in the well-known manner, in order to obtain greater smoothness in the lighter tones, but any desire to use other colours, such as brown, greens, etc., must be checked, because otherwise the whole of the value of the three-colour principle is lost. Of course, for certain special greens or purples an extra printing might be necessary, but this should be rare.

The Only Scientific Method

I am aware that experienced lithographic artists do not generally look with approval on this method of working, and I am also aware of the many failings of the three-colour principle; but, nevertheless, the above is the only scientific method of tackling colour reproduction by lithography, and it will be found to be exceedingly simple in practice. I am not prepared to say that it will necessarily prove cheaper and quicker than present methods on any particular job, but I do maintain that, once a staff has become accustomed to this method, the advantages of standardisation will lead to a great increase in the speed and accuracy of retouching.

As to the best method of retouching to be employed, it is not possible to dogmatise until further experimental and practical work has been completed, but it is obvious that only those methods should be used which lead to a sharp half-tone dot, while all methods of pencil or dye retouching on screen negatives must be avoided if the best results are to be obtained.

Dry Lithography

The possibilities of dry lithography have appealed ever since this method of working was first suggested, and there is plenty of evidence that such work can be

done. On the other hand, the dry litho inks at present available seem to be somewhat crude in nature, while the patents on the subject are certainly elementary.

A great deal is known now about the emulsification of oil and water, so there is every reason for believing that, with the aid of concentrated scientific study, dry litho inks of a greatly improved type could be produced. If so, this might easily lead to a marked extension of this interesting method of printing. The subject appears to be arousing interest in Germany; although there is no evidence that they have as yet achieved any marked scientific advance, they are, however, printing work of a higher order than is done in this country.

Value of Research

There are many possibilities for the advance of lithography, and it is unwise to prophesy. But one thing is certain: the progress of the industry will be far more rapid, more certain, and more profitable, if modern scientific methods of investigation are employed. For this purpose I suggest that it is good economics for the industry as a whole, and also for firms individually to support or subsidise the services of a complete scientific staff. Further, the accurate advice and conclusions so obtained must be translated into everyday workshop practice—and this is even more difficult because it involves co-operation.

Finally, having mentioned some of the problems which have been considered and some of the difficulties which remain to be tackled, I have drawn your attention to the still more complex problem of the application of knowledge gained by scientific study. Now I must leave you to contemplate the complexity of modern industry.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND

(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and Italic)

GOTHIC, LINING

(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN

(light and 110)

IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

ARE HALF-TONE OVERLAYS ALWAYS NECESSARY?

It is a mistake to imagine that an overlay is essential to half-tone printing. This is emphasised because of the apparently universal idea that half-tone printing *must entail* an overlay. That an overlay is often an advantage, or even an absolute necessity, is not denied; but a slavish adherence to overlaying should be avoided; careful study should determine when they should or should not be used.

The managing printer needs to be alive to the fact that overlays are not always essential, and he should see that in such cases they are not made. The cutting of overlays, especially if carried out by the machine-man who is making ready the job, is an expensive operation, since it has to be carried out with great care. If, as often happens, it is ultimately found that the overlays have not improved the job, and in fact were unnecessary, it resolves itself into so much wasted time.

It is very desirable to know why overlays are sometimes of great advantage and at other times unnecessary, since by knowing this one can arrange to prevent unnecessary work.

There are times when an overlay may detract from the smoothness with which one tone will merge into another. Given a smooth paper and a level impression, an exact facsimile of the detail found in relief upon the surface of the plate will be transferred, beyond which no craftsmanship can improve. An overlay may tend to exaggerate or diminish certain of the printing properties of the plate, and force contrasts which the etcher has exerted his skill to obviate.

When it becomes necessary to print half-tones on paper which is not altogether suitable to the work, it is then that the true value of the ply overlay becomes apparent. From the point of view of fine half-tone printing there is only one kind of paper which is smooth, namely, good quality art. All other papers, even imitation arts, are not perfectly smooth: there is always the wire mark formed by the paper-making machine, and no amount of calendering seems completely to eradicate it. It must be recognised that before a clear impression can be obtained, the screen dots must reach down into, and make firm contact with, the bottom of the indentations in the surface of the paper. Obviously, it will require a greater amount of pressure to make that necessary degree of contact between the denser areas of the plate and the paper than at those points where the dot formation is of a more isolated character.

This can be approximately effected by the use of an overlay which, when fixed in the cylinder dressing behind the sheet to be printed, exerts its correcting influence in the most effective manner nearest to where the actual deficiency exists. An overlay when properly used will:—

- (1) Restore the full amount of tone value;
- (2) Help to prevent filling in;
- (3) Help to prevent set-off;
- (4) Lengthen the useful life of the plate.

In attempting to print a half-tone plate on super-calendered paper without an overlay, the difference between the solids and the darker mid-tones would be very poorly defined, and the high lights would appear dull and cloudy compared with their appearance if printed on art paper. In other words, the range of tones would be considerably reduced. Instead of obtaining tones from dense solids through about seven or eight tones of grey up to a brilliant, clear, almost pure white high light, the tone range would start at dark mid-tones and finish at cloudy high lights.

An overlay helps to prevent filling in and set-off. When printing a half-tone on paper other than good art, great difficulty is experienced in making the solids appear really solid and dense. To help in achieving this, rather more ink than is usually necessary is allowed to reach the inkers, with the result that the plate is flooded with more ink than it can readily transfer to the paper. Consequently, after each impression, the plate, instead of being practically clean and free from ink, still holds a certain amount of surplus ink. As the machine continues to run, this surplus ink gradually accumulates and begins to work down in between the dots, and fills in the interstices or non-printing parts of the plate. The overlay obviates the troubles caused by the excess of ink through obtaining the denser solids by properly directed pressure instead of by additional ink.

It is fairly clear how an overlay lengthens the life of a half-tone. Naturally, the more isolated and finer dots of the high lights are far more susceptible to wear than are the broader dots of the mid-tones and solids. The overlay, by regulating the pressure so that the solids receive more and the high lights less, thus preserves the life of a plate considerably.

To summarise: When printing good plates on good art paper and the run is less than 5,000 impressions, overlays are unnecessary and will in no way improve the result. With good plates, art paper, and a long run, overlays should be used, not to improve the result but to prevent wear on high lights.

With good plates, and any paper other than art, overlays are necessary in order to improve the result, or in other words to bring back the full tonal range. With worn plates, overlays will help to obtain an improved result.—From "The L. & M. News."

STATISTICS published in the annual report of the Federated Malay States Government Printing Department show that the total number of men employed at the close of 1932 was 289, comprising 40 Malays, 8 Chinese, 229 Tamils, 2 Eurasians, 2 Singhalese, 3 Sikhs and 5 Europeans.

THE calendar of the London School of Printing shows this year a charming colour reproduction by gravure of the North Ambulatory, Westminster Abbey, from a drawing by Arthur Moreland. It is a welcome change from the excellent black-and-white studies which the School has used for the past few years.


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C. 4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 68, Farringdon Street, E.C. 4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C. 1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER
Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C. 1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.**
Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C. 3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHT'S EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N. 1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPING CO., LTD., Printer Street, London, E.C. 4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cornil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1, Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGHSPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E. 1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. NEWSPAPER (Speciality) and MAGAZINE ROTARIES.

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C. 4. Tel.: Cen. 6722/3. 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

NEW BRITISH PATENTS

Applications

Barker, R. W. (American Bank Note Co.). Delivery mechanisms for rotary steel plate printing machines. 2,602.
 Brown, J. Printing. 3,897.
 Dickinson and Co., Ltd., J. Manufacture of envelopes, etc. 3,044.
 Dickinson and Co., Ltd., J., and Ellens, W. E. Combined display stand and wrapper. 3,502.
 Dring, Ltd., J., and Mitchell, W. R. Collapsible cardboard, etc., boxes. 3,923.
 Druckmaschinen Akt.-Ges. Sheet-delivery devices for cylinder printing presses. 3,105.
 English Import Co., Ltd., and Judge, F. C. Display card. 3,690.
 Foweraker, T. S., Sargent, T., and Strachan and Henshaw, Ltd. Printing mechanism. 3,933.
 Frölich, E. Operating devices for perforating blades used in formes of printing machines. 3,118.
 Frölich, E. Perforating devices for printing machines. 3,119.
 Goss Printing Press Co. Paper folding machines. 3,711.
 Impey, F. L. Sheet feed mechanism for printing machines. 4,032.
 Japa Paper Products, Ltd., and Haworth, R. Paper carrier bags. 3,966.
 Kalamazoo-Print, Ltd., and Impey, F. L. Printing machines. 2,586.
 Kindermann, H. Production of etched copper printing cylinders. 3,006.
 Linotype and Machinery, Ltd. Means for cooling moulds of matrix composing, etc., machines. 3,038.
 Linotype and Machinery, Ltd. Metal pots for matrix composing, etc., machines. 3,712.
 Meeson, V. E. Paper, etc., bags. 3,002.
 Minton, L. Facilitating cleansing of resilient coverings of printing rollers. 3,429.
 Pollak, J. E. (Multigraph Co.). Printing plates and holding means therefor. 3,259.

Pollak, J. E. (Multigraph Co.). Printing machines. 3,260.
 Pollak, J. E. (Multigraph Co.). Rotary printing presses. 4,063.
 Rendall, A. G. Printing machines. 2,586.
 Robinson, Ltd., E. S. and A., and Foweraker, T. S. Letterpress, etc., printing. 3,025.
 Tillett, Ltd., and Tillett, G. H. Printing in plurality of colours. 3,614.
 Windmüller and Hölscher Ges. Manufacture of paper, etc., bags. 3,378.

Specifications Published

1932

Armstrong, J. J. V. (Johnson Corporation, C.B.). Type-setting type-casting, and like machines. 405,267.
 Pollak, J. E. (Brehmer, Geb.). Method of and mechanism for automatically severing the threads of continuously stitched book-pads in book-stitching machines. 405,068.

1933

Ford (Finsbury), Ltd., and Ford, R. E. Covers for books, loose-leaf pads, memorandum sheets, and the like. 405,455.
 Intertype Corporation. Casting pumps for matrix composing and line-casting machines. 405,172.
 Intertype Corporation. Matrix-composing and type-line-casting machine. 405,569.
 Lovinsohn, E., Schnellling, M., and Lovinsohn, H. (trading as Lovinsohn and Co., Dr.). Light-fast inks for printing with rubber printing surfaces. 405,483.

Complete Specifications Open to Public Inspection Before Acceptance

1933

I.G. Farbenindustrie Akt.-Ges. Manufacture of vat dyestuff preparations in powder form, particularly suitable for printing. 20,641.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE DRY FLONG. Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C.4. Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTO ONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C.4. "SILVERTONE" for cold moulding. FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Tel.: Hop 6604. Telegrams: Expugnator-Sedist, London. Cables: Hoe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. ROTOPATE (Reg. Trade Mark) and ROTASHAVER Casting and Finishing Machines.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy TIN PRINTING MACHINES AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C.4. Tel. Central 8640. Manufacturers of the well-known hard wearing RISCATYPE. All the best known MONOTYPE faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

Adhesives : Why Do They Stick ?

Mr. Charles Harrap Answers

In our report of the recent lecture on "Adhesives" by Mr. James Taylor, B.Sc., at Stationers' Hall, mention was made of a question as to why glue caused adhesion. On this subject Mr. Charles Harrap writes us as follows:—

As the reported answer to the question did not seem to me to be complete, may I be allowed to supplement the answer by a few remarks upon the cause of adhesion?

In the main, adhesion is not necessarily dependent upon the use of a substance which is generally known as an adhesive. Adhesion may be regarded as a physical phenomenon rather than a chemical one.

Adhesives That Do Not Stick

As well-known examples, photographic practice includes two instances, at least, in which an adhesive is used but fails to adhere simply by the presence of the adhesive. One such example is the glazing of photo-litho transfer paper upon glass; a further similar case is the glazing of photo-prints upon polished surfaces. In both of these cases, the temporary adhesion is obtained by even rolling and pressure sufficient to bring the surfaces so close together that the amount of air left between the two opposed surfaces is reduced to a minimum, and the weight of the air outside is sufficient to give the impression of adhesion. When the subjects are dry enough, it is only necessary to lift a corner of the paper, or cut sharply along one edge, to admit more air and permit of the paper being stripped off.

Gelatine in such a form as Seccotine is a much-used adhesive, and in common experience, when used for mending articles, is only effective so long as air is excluded.

Adhesion Without Adhesives

In another case, no popularly-known adhesive is used, yet adhesion occurs. This is in grinding two litho stones face to face, with fine sand. The grinding can be carried so far that the sand and litho stone merge in a "milky" film, and air is almost completely squeezed out. In this condition it becomes impossible to move the stones, and they are apparently cemented together. Even when left to "dry out," the separation is difficult. The air has been so effectively removed that it may require a crowbar to separate them.

This last example shows that, although lithographic stone is formed in the earth, under water, by successive deposits of very thin layers extending over thousands of years, the weight of layer upon layer excludes water and air until the stones become apparently solid. There have been many cases in which stones have split up when in use in the press. Some have shown as many as 250 layers in a 2½-inch stone. Much the same structure is noticeable in coal and slate, the adhesion of the layers being mainly due to absence of air.

Effect of Vacuum

Consideration of rocks may not seem to apply to bookbinding or such other operations as involve the

use of organic materials such as paper, card, muslin, leather and the like. But these materials present a very striking example of a vacuum being the prime cause of adhesion. It is known to every schoolboy that a leather sucker—of nice pliable leather—moistened, and pressed firmly upon wood or stone will adhere sufficiently to allow the object to be lifted by means of the sucker. Many similar cases must occur to everybody; and the explanation is the same—partial vacuum.

In thinking of glue as an adhesive, the mind invariably turns to carpentry and joinery, where glued joints are so common. In this case the faces of the joint should be smoothed, and when the fine glue is applied the surfaces of the joint should be worked against one another until they begin to bind, then the joint is adjusted and put under pressure to exclude as much air as possible.

In this connection it is common experience to find glued joints come apart in course of time; due to drying of the material and the glue, with consequent entry of air, to destroy the vacuum. Take the way in which veneers peel or chip off, and so-called inlays come out.

Whether it be glue, or starch or cement, that is used, the principle is the same, and the cause of adhesion lies largely in the creation of vacuum.

"PIMPERNEL" SCARLET

THE SECRET
OF ITS REPUTATION IS
TO BE FOUND IN EVERY TIN

Price per lb.

L'PRESS	3/6	PROCESS	4/6
LITHO	5/-	OFFSET	5/6

Made by

**SHACKELL,
EDWARDS & CO.,
LTD.**

LONDON, E.C.4

Problems of To-day and To-morrow

Mr. L. J. Cumner Addresses N. London Printers

Mr. L. J. Cumner (assistant secretary of the British Federation of Master Printers) had many helpful things to say about Federation activities and matters relating generally to world movements when he addressed a good attendance of members of the North London Master Printers Association on Monday at the Alpha Restaurant, Seven Sisters Road, N. The meeting was presided over by Mr. F. W. Soule (president), supported by Messrs. F. Gregory (vice-president), W. J. Mizen (secretary), W. W. Curtis, G. A. Brockman, C. E. Dooley, L. F. Hunt, W. J. Boyle (secretary, Central Districts), T. D. Hawkins (secretary, East & North-East), and E. A. Neale (West & North-West).

After a brief introduction by the chairman, who took the opportunity of welcoming visitors from other District Associations, Mr. Cumner, who took as the subject of his remarks "The Federation Job," referred first to the large number of printing trade journals, British and foreign, that had to be gone through carefully in order that their contents might be passed on to the members of the Federation with a view to printers keeping up to date with the problems and difficulties they have to face.

Counteracting Price-Cutting

Proceeding, Mr. Cumner said there was no big, serious issue facing them at the moment, but there were a number of questions and tendencies that required their close attention. Amongst these were the economic prices campaign, and Mr. Cumner gave examples of how Alliances were dealing with this matter. The Yorkshire and Cheshire Alliance, he said, were inviting their members to sign a document promising to maintain fair prices, whilst another Alliance had adopted a scheme whereby the members undertook not to quote under cost when estimating for new work. In neither of these cases, however, was there any compulsion placed upon the members.

Another matter that was engaging the attention of the Federation had reference to an approach by the printing trade unions on the subject of the forty-hour week. They had to investigate the problems associated with that matter, to see what effect it would have on the printing industry. Then they had before them the question of re-grading.

Alleviating Unemployment

Emanating from the Joint Industrial Council there was the question of dealing with superannuation as a means of reducing unemployment, and in addition they had to deal with the Ministry of Labour's many inquiries regarding unemployment in the industry. Government departments were taking a closer interest in industry and its affairs in order to mitigate unemployment.

This led Mr. Cumner to refer to President Roosevelt's handling of the printing trade—amongst others—in the United States, where printers, according to the new law, had to adopt the costing system and

the forty-hour week. Whether such innovations were likely in this country was matter for speculation; but they had to be viewed with a watchful eye. "These are big movements which cast their shadow deeply across the printing industry," he remarked.

Costing: Salesmanship: Plant Efficiency

Coming to three main paths by which the Federation can help the printer, Mr. Cumner dealt first with Costing, saying that it was a puzzle to him why anyone at the outset of his career should not put himself right on this matter. Under the heading of Costing he stressed the importance of the consideration that should be given to depreciation.

The second path was Salesmanship, and here he asked the printer to put himself in the place of his customer and try to envisage exactly what was required, and what effect the printed word had on the customer. The printer's job was to sell the customer's ideas, and the Federation had a list of experts ready to assist him in the compiling of crisply-written copy suitable for any kind of advertising campaign.

Thirdly, Mr. Cumner dealt with the necessity of keeping plant efficient and up to date. Under this heading came the questions of lighting—in which the industry had shown creditable enterprise—and heating, and also the importance of keeping abreast of new processes and research, in respect of which the Federation was equipped with information ready to pass on to members. Helpful references were also made to apprenticeship and craftsmanship.

In closing his very interesting address, Mr. Cumner said that this was a very competitive, practical, revolutionary and utilitarian age, that tradition and custom were being swept away, and what was happening in Germany, the United States, Japan and other countries was cutting through the complacencies of Western civilisation. Printers had a limited part to play in the life of their country and the world, but the printer served it best who served mankind best. The firms most prosperous in the printing industry at the present time were those who were producing the best work, securing the best prices, paying the highest wages, and who have the best plant. In other words, success in the industry did not come from indifferent plant, indifferent work, low wages, or from prices which were below cost.

An interesting discussion followed, in which Messrs. Mizen, Curtis, Hunt, and Orchard took part.

Mr. Mizen, in proposing a vote of thanks to Mr. Cumner, commended his address, and Mr. W. J. Boyle, in seconding, took the opportunity of inviting members to attend the next meeting of the Central Districts Association on March 20th at Stationers' Hall, at which Lt.-Col. Roy Truscott was repeating his lecture entitled "My Castle in Spain."

MR. FRANK ERNEST MILLER, of Hopton Road, Streatham, S.W., wholesale stationer, left £21,642 (net personality £21,565).

A Bristol Printer

Talks to Paper-makers

It is to the benefit of both printers and paper-makers that the printer's requirements and difficulties should be explained to those who supply him with his principal raw material. Amongst those who have in this way helped to promote understanding between the



MR. T. S. FOWERAKER

printing and paper trades is Mr. T. S. Foweraker, production director of Messrs. E. S. & A. Robinson, Ltd., the well-known Bristol printers and manufacturing stationers. About a year ago Mr. Foweraker addressed the West of England Division of the Technical Section of the Paper Makers Association on "What the Colour Printer Expects from the Paper-Maker," and the other day he spoke again before the same Division on "My Dealings with Paper-Makers During the Year."

Mr. Foweraker joined the firm of E. S. & A. Robinson, Ltd., twenty-eight years ago as an artist, but his career was interrupted by the War. In 1919 he returned, entering the commercial side of the business and taking a particular interest in colour printing and kindred processes. He eventually became works manager of the colour printing works, and four years ago was made a production director.

BOOK EXHIBITION.—An exhibit of printed books from world-wide sources and entirely set on the Linotype will be opened at the Central Public Library, Plymouth, by the Mayor of Plymouth, Mr. E. Stanley Leatherby, J.P., next Thursday (March 15th). Mr. G. W. Jones, of the Dolphin Press, London, will give an address. The exhibition remains open until March 24th.

Business Reply Service

Extension to Include Labels

An extension of the Business Reply Service is announced by the General Post Office. The original scheme applied to envelopes, post-cards, and folders. The extended scheme permits Business Reply *Labels* to be embodied in advertisements in newspapers, etc.

As in the case of the general Business Reply Service, a licence is required. Existing holders of Business Reply Licences can have them extended to cover the new facility. Application forms for Business Reply Licences are obtainable from any Post Office.

The following conditions under which Business Reply Labels may be used have been issued by the General Post Office:—

These advertisements may be inserted only by holders of Business Reply Licences giving them specific authority to do so.

A Licensee, in arranging for an advertisement to contain his Business Reply design, must see that

- (1) the size of the design as printed in the advertisement is at least 4 inches by 2½ inches.
- (2) the design of the label is in strict accordance with the design approved under his Licence. In whatever size the design is reproduced (subject to the above minimum limits) a space at least 1½ inches deep must be left between the central Business Reply frame (which should bear above the Licence number the words "Business Reply Label"), and the top of the design.
- (3) the design is printed on paper which will readily take adhesive and is not too thick to admit of the label being securely pasted down, and which does not give rise to embarrassment to officers of the Post Office (e.g. on the grounds of colour or nature of surface).
- (4) the label has an instruction printed *immediately* above it to the effect that it must be cut out carefully and securely pasted on the front of an envelope or on an unstamped post-card or other card suitable for transmission under Post Office regulations. It is desirable that the frame of the Business Reply design should have a dotted line outside it to ensure that it is cut out neatly.
- (5) if a coupon is provided in the advertisement it is not printed so as to appear as part of the label.

Removing Ink from Print

The Combined Locks Paper Company, of Appleton, Wisconsin, U.S.A., has operated a plant, since the summer of 1931, for the recovery of over sixty tons of printed paper per day, says the "Chemical Trades Journal." The raw material is largely old telephone directories from the larger towns of the Eastern States, the recovered white paper being utilised for the printing of new editions of the directories. It is stated that the amount of marketable paper recovered is 80 per cent. of the old paper pulped. The company is developing a new printing ink, based upon an iron-logwood combination, the advantage of this ink being that it can be removed from surplus printed stock by the action of sulphur dioxide.

MR. WILLIAM HENRY BACK, of Great Kingsmill, formerly a director of Amalgamated Press, left £14,126 (net personality £12,717).

Stationers' Comp^y. & Printing Industry Technical Board

EXAMINATIONS, 1934

Subject to a sufficient number of candidates making application, examinations in the undermentioned subjects will be held at Stationers' Hall on the following dates, which are subject to alteration:—

Monday, April 30th, at 6.30 p.m.—Costing, Composing (craftsman), Cylinder Machine (technical), Cylinder Machine (craftsman).

Tuesday, May 1st, at 6.30 p.m.—Binding (technical), Binding (craftsman), Stereo-electro (craftsman), Printers' Assistants, Printing Ink, Order Clerks.

Wednesday, May 2nd, at 6.30 p.m.—Composing (technical).

Thursday, May 3rd, at 6.30 p.m.—Lithography (technical), Lithography (craftsman), Platen Machine (technical), Platen Machine (craftsman), Science, Linotype, Machine Construction, Estimating.

Friday, May 4th, at 6.30 p.m.—Monotype Keyboard, Monotype Casting, Binding (women), Machine Ruling (technical), Machine Ruling (craftsman), Stereo-electro (technical), Press Proving, Salesmanship, Book Crafts, Paper, Warehouse, Reading.

Candidates for examination must have attended a recognised course of technical instruction in the subject in which they are being examined. An entrance fee of 1s. 6d. is charged for each examination.

The Technical Board awards certificates, medals, and prizes on the results of the examinations, but a candidate having obtained a first-class certificate or prize is not eligible for similar award in the same section.

There are two grades of examinations: (a) Technical Certificate; (b) Craftsman's Certificate. Examinations may be arranged for elementary and advanced students in sections not specifically mentioned under (a) and (b).

Candidates for either of the two grades of examination in the Composing, Letterpress Machine, Lithography, Binding, and Stereo and Electro sections are required to bring with them to the examination one example of practical work (layouts not permissible), certified by their instructors as having been done by them during the current session.

(a) TECHNICAL CERTIFICATE

Candidates must be between the ages of 18 and 21, and have attended at least a third year's course of instruction at a technical school.

The medals of the Worshipful Company of Stationers are awarded on the results of these examinations.

(b) CRAFTSMAN'S CERTIFICATE

Candidates must be either over 21 years of age, or the possessor of a first-class technical certificate awarded by the Board.

The Technical Board will at their discretion award silver and bronze plaques on the result of these examinations.

Applications and entrance fees must reach the hon. secretary at Stationers' Hall not later than April 2nd, 1934.

M.C.V.A. Annual Meeting

The twenty-seventh annual meeting of the Machine Compositors' Vigilance Association was held on Friday at Essex Hall, London, Mr. J. F. D. Dixon (chairman) presiding. The report of the committee for the year 1933 was presented by Mr. A. Henwood (secretary). Including 308 Monotype, 923 Linotype and 3 Ludlow operators, the membership stood at 1,234. On the receipts side of the financial statement, the total was £1,613, and the balance carried forward was £677, the amount standing to the credit of the capital account being £2,975.

The report and financial statement were adopted, and the following officers and committee were elected for the ensuing year: Chairman, Mr. J. F. D. Dixon (Amalgamated Press); treasurer, Mr. A. E. G. Goldwin (St. Clement's Press); secretary, Mr. A. Henwood ("Evening Standard"); Committee—Monotype, Messrs. A. J. Clarke (Harrison and Sons), F. W. Juckes (Harrison and Sons), H. E. Waite (George Reveirs, Ltd.)—Linotype, Messrs. W. J. Adams (Elm Press), W. A. Barnes (Amalgamated Press), W. Blackburn (Newnes and Pearson), C. R. Flaxman ("News of the World"), M. Green (St. Luke's Printing Works), C. Harvey (George Jones), G. Jennings (Temple Press), S. Munnings (Argus), H. M. Piesse ("Sunday Times"); auditors, Messrs. P. E. Adams (Vails) and B. Skitteral (Armoury).

Correctors of the Press

At the Memorial Hall, Farringdon Street, E.C.4, on Saturday was held the annual meeting of the Association of Correctors of the Press. The chief business was to receive the annual report and balance sheet and the ballot for the election of officers. This latter resulted in the re-election of Mr. A. Jennings as chairman, and Mr. E. Alford, treasurer. The annual report stated that "advance has been made in almost every direction . . . and that 1933 proved better than its predecessor. Confidence is returning and trade has taken a slight upward turn."

Printers' Football Results

The results of matches played on Saturday (March 3rd) were:—

Haycock Press	4 v. Crowther & Goodman	1
Loxleys	1 v. Waterlows	0
Henry Good	2 v. Waddingtons	1
Cannon House	4 v. Oyez	2
London School of Ptg. 9 v. King's Printers		0

A PARTY of students from the Chiswick Polytechnic Advertising class visited the "Daily Sketch" offices and productions departments on Tuesday last, and spent a very informative time studying the various processes in the production of a big London daily.

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 21s. 9d., 21s. 3d., 6½ p.c. 1st pref. 24s. 6d., 24s. 7½d.; Argus Press (10s.) 21s. 7½d., 21s. 9d., 7 p.c. pref. 25s. 4½d., 25s. 9d., 4½ p.c. 1st deb. 102, 103; Argus Press Holdings pref. 24s. 9d.; Associated Newspapers 27s. 6d., def. (5s.) 22s. 6d., 22s. 10½d., 5 p.c. pref. 22s. 3d., 23s.; British Glues and Chemicals (4s.) 4s. 1½d., 8 p.c. 23s. 3d.; Buff Book 25s. 9d., defd. (1s.) 1s. 1½d., 1s. 4½d.; Cassell (Holdings) 7½ p.c. pref. 21s. 6d., 21s. 9d.; Daily Mirror Newspapers 5 p.c. 1st deb. 106, 107; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 105, 104½; T. De La Rue 17s., 17s. 3d.; J. Dickinson 46s. 6d., 4 p.c. 1st pref. 109½, 109, 4½ p.c. 1st mt. deb. 104; Financial Newspaper Proprietors 7s. 0½d., 7s. 3d.; Financial News 5 p.c. pref. 15s. 7½d.; Financial Times 7 p.c. pref. 19s. 1½d.; Illustrated Newspapers 6s. 9d., 7 p.c. pref. 18s. 3d., 18s. 7½d., 6 p.c. deb. 99; Industrial Newspapers 1st pref. 9s. 7½d.; Kelly's Directories 7½ p.c. pref. 30s., 29s. 4½d.; Lamson Paragon Supply 25s., 10 p.c. pref. 29s. 9d., 30s.; London Express Newspaper 7 p.c. pref. 23s., 23s. 3d.; Monotype Corporation 33s. 1½d.; G. Newnes (10s.) 28s., 5 p.c. 1st pref. 21s. 9d., 7 p.c. 2nd pref. (10s.) 13s. 1½d., 13s.; Odhams Press (4s.) 10s. 11½d., 12s. 1½d., 6 p.c. pref. 23s. 9d., 23s. 3d., 6½ p.c. A pref. 23s. 6d., 24s.; Portsmouth Newspapers 5 p.c. pref. 21s. 3d.; Sunday Pictorial 14s. 6d., 15s.; Raphael Tuck 14s. 6d.; United Newspapers 7½ p.c. pref. 4s. 2½d., 4s. 3d.; Waterlow and Sons defd. 19s., 6½ p.c. pref. 24s. 9d., 4 p.c. pref. 19s.; Weldons 10 p.c. pref. 20s., 6 p.c. pref. 19s.; Winterbottom Book Cloth 41s. 3d., 42s. 3d.; Wyman and Sons 6s. 3d., 7s. 6d., 6 p.c. pref. 10s. 6d.

Dividends and Reports

SUNDAY PICTORIAL NEWSPAPERS.—Interim 7½d. per share, less tax (same).

DAILY MIRROR NEWSPAPERS.—Interim 3½ per cent., less tax, on ordinary (same).

New Companies

CHARLES SEVER, LTD.—Capital £10,000 in £1 shares; to acquire the business carried on at 40, King Street West, Manchester, as "Charles Sever, Ltd." (in liquidation) and to carry on the business of stationers, printers, lithographers, type-founders, etc. Private company. Directors: Abraham Cansino, Albert Lisbona, John R. Smith, Manuel Cansino, Sydney Hall and Jas. H. Hall. Registered office: 40, King Street West, Manchester.

S P I C E R S LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

J. G. JARDINE AND CO., LTD.—Capital £3,000 in 2,000 6 per cent. preference shares of £1 each and 4,000 ordinary shares of 5s. each; manufacturers of pattern cards, books and bunches; gold blockers and printers, bookbinders, stationers, lithographers and typefounders, etc. Private company. Subscribers: Douglas S. Clarke, Samuel J. Clarke and Frederick W. Clarke. Registered office: 153, Queen Street, Glasgow.

WEEK-END PUBLICATIONS, LTD.—Capital £4,000 in £100 shares; proprietors and publishers of newspapers, journals, magazines and books, printers, etc. Private company. Subscribers: R. M. H. Noble and H. F. Hoidge. Solicitors: Harrington Noble and Co., 376, Strand, W.C.2.

ALPHA ENGRAVING CO., LTD.—Capital £1,100 in £1 shares (1,000 5 per cent. cumulative preference and 100 ordinary); engravers, printers, stationers, lithographers, etc. Private company. Life directors: Frederick C. E. Lancaster, Ernest J. Stratford, Philip H. Leavers and James F. Robbins. Solicitors: Biddle, Thorne, Welsford and Gait, 22, Aldermanbury, E.C.

RECORDER CHARTS, LTD.—Capital £1,000 in £1 shares; printers and perforators of all types of paper charts for recording instruments, printers, stationers, advertising agents, manufacturers of and dealers in recording, navigating, engraving, photographic and other instruments, etc. Private company. Directors: Ernest Smith and Francis T. Cumming. Registered office: 115, Nunhead Lane, S.E.15.

PICCOLOMINI AND SHEPHERD, LTD.—Capital £2,500 in 1,500 6 per cent. accumulative preference shares of £1 each and 4,000 ordinary shares of 5s. each; to acquire the business of advertising agents carried on by Theodore H. M. O. M. A. J. F. Pontet-Piccolomini and Matthew H. Shepherd at Regency House, Warwick Street, W.1. Private company. Directors: Theodore H. M. O. M. A. J. F. Pontet-Piccolomini, Matthew H. Shepherd, Nicholas G. P. Richardson and Annie M. Ross. Registered office: Regency House, Warwick Street, W.1.

MACDONALDS (ADVERTISING), LTD.—Capital £1,000 in 930 ordinary shares of £1 each and 1,400 founders' shares of 1s. each; advertising agents and contractors, proprietors and publishers of journals, magazines, books, etc. Private company. First directors: Arch. Macdonald and Gilbert F. Cunningham. Registered office: 42, Frederick Street, Edinburgh.

STEVENS AND SMITH, LTD.—Capital £1,000 in £1 shares; advertising agents, contractors and consultants, etc. Private company. Subscribers: Ernest Wrist and Edwin Silver. Registered office: 11, Salisbury Square, E.C.4.

L. V. COOK, LTD.—Capital £300 in £1 shares; to acquire the business of an engraver, die sinker, and name plate manufacturer now carried on by Leonard V. Cook as "L. V. Cook" at 47, Mount Pleasant, W.C.1. Private company. Permanent managing director and chairman: Leonard V. Cook. Registered office: 47, Mount Pleasant, W.C.1.

WED-MAS-COTS, LTD.—Capital £500 in £1 shares; manufacturers of mascots, wedding novelties and ornaments, birthday cards and artificial flowers, general printers and stationery manufacturers, rigid and collapsible box makers, art publishers and dealers, etc. Private company. Directors: May M. Bentley, Ethel A. Sidwell, Chas. R. Bromley (Laurikin, Birstall, Leics.), and Shirley March.

CARIBONUM TRUST, LTD.—Capital £1,000,000 in 300,000 5s per cent. cumulative preference shares of £1 each and 1,400,000 ordinary shares of 10s. each; to acquire and hold shares, stocks, debentures, debenture stock bonds, obligations and securities, etc. First directors: Sir Alan McLean, Kt., M.P. (chairman of Caribonum, Ltd.), Charles F. Clark (managing director of Caribonum, Ltd.), John M. Evans and Stephen Herring. Solicitors: Slaughter and May, 18, Austin Friars, E.C.2.

Increases of Capital

VICTORIA HOUSE PRINTING CO., LTD. (2, Carmelite Street, E.C.4).—The nominal capital has been increased by the addition of £25 beyond the registered capital of £41,200. The additional capital is divided into 500 deferred shares of 1s.

JOHN STANLEY, LTD. (agents, printers, etc., First Avenue House, High Holborn, W.C.1).—The nominal capital has been increased by the addition of £2,000 beyond the registered capital of £1,000. The additional capital is divided into 1,760 5 per cent. cumulative preference and 240 ordinary shares of £1.

CARIBONUM, LTD. (paper and carbon manufacturers, etc., Caribonum Works, Leyton, E.10).—The nominal capital has been increased by the addition of £10,000 beyond the registered capital of £150,000. The additional capital is divided into 10,000 ordinary shares of £1 each. The new shares were allotted for cash to Langrange Trust and Investment Co., Ltd., of 27, John Street, Bedford Row, W.C.2, on February 22nd, 1934.

PAPER CAP MANUFACTURING CO., LTD. (manufacturers of bottle and jar caps, cartons and containers, etc., Hampton Road, Hanworth, Mdx.).—The nominal capital has been increased by the addition of £3,000 beyond the registered capital of £5,000. The additional capital is divided

Comps LTD.

LINOTYPERS TO THE TRADE

LET US QUOTE

The extra efficiency we are able to give you, an **ever-ready DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something.

And our price, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade.**

Some of our type faces:

- 14pt. Cheltenham Wide with Cheltenham Bold.
- 12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).
- 12pt. Kennerley and Italic.
- 12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.
- 12pt. Modern with Doric and Italic.
- 11pt. Scotch and Italic.
- 10pt. and 8pt. Cheltenham Wide and Italic.
- 10pt. and 8pt. Book-print and Cloister Bold.
- 10pt. and 8pt. Garmond and Italic.
- 10pt. Modern and Italic.
- 10pt., 8pt. and 6pt. Old Styles with Doric and Italic.
- 9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1
HOLborn 2253**

This column is set in our Metroblack and Metrolite Series

into 6,000 ordinary shares of 10s. The 2,000 non-cumulative preference shares of 10s. in the original capital have been converted into ordinary shares.

Mortgages and Charges

POWELL AND CO. (PRINTERS), LTD. (College Works, 1a, St. Ann's Hill, Wandsworth, S.W.18).—Particulars filed of £500 debentures authorised February 12th, 1934, charged on the company's undertaking and property, present and future, the whole amount being now issued.

THOMAS DAVIES AND SONS (PRINTERS), LTD. (Bank Chambers, Bethany Square, Port Talbot).—Debenture, dated January 15th, 1934, to secure £100, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: W. I. Davies, 136, Swanshurst Lane, Moseley, Birmingham.

PARAGON ENGRAVING CO., LTD. (formerly Mannotex, Ltd.) (101, Salisbury House, E.C.).—Mortgage debenture, dated January 29th, 1934, to secure £200, charged on the company's undertaking and property, including uncalled capital. Holder: A. W. Wamsley, Iden Manor, Staplehurst.

JOHN L. YOUNG, LTD. (printers, newspaper proprietors, etc., 9, St. James's Street, Nottingham).—Satisfaction to the extent of £500 on February 20th, 1934, of mortgage dated June 23rd, 1933, and registered June 30th, 1933.

CAMBRIDGE DAILY NEWS (1929), LTD. (46, St. Andrew's Street, Cambridge).—Satisfaction in full on January 30th, 1934, of trust deed dated June 13th, 1900, and supplemental deed dated December 31st, 1929, and registered January 21st, 1930. (According to the register of mortgages, the amount outstanding on the trust deeds registered January 21st, 1930, was £8,000.)

T. S. M. PUBLICITY CO., LTD. (Standard Buildings, City Square, Leeds).—Particulars filed of £450 debentures authorised January 26th, 1934, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

T. S. M. PUBLICITY CO., LTD.—Satisfaction to the extent of £200 on February 15th, 1934, of debenture dated February 16th, 1933, and registered February 23rd, 1933. (According to the register of mortgages, the debenture registered February 23rd, 1933, originally secured £200.)

KOSMOS PUBLISHING CO., LTD. (199, Wardour Street, W.1).—Debenture, dated December 12th, 1933, to secure £2,150, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: H. G. Koppel, 16, Carlton Hill, N.W.8.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

BUSINESSES

GENUINE Jobbing Printing Business; practical man's ideal; good-class work; modern plant; sacrifice; £550.—Box 16171.

PRINTING and Stationery. Old established Business for Sale; owner retiring. Low rent, electric light throughout; only Printer in District. Reasonable ingoing for Plant and Stock.—Caxton House, Ashburton, S. Devon. 16189

MACHINERY AND PLANT

BRONZING Machine, to take sheets 16in. wide, any length, with special extra Dusting Off Attachment, by Practical Machine Co. Perfect running order, £35 to clear.—Berryman, Blackheath Road, Greenwich, S.E.10. 16190

FOR SALE.—Rotaprint Machine, Foolscap Folio, Motor Drive, 75 Plates and accessories. Perfect condition.—J. and H. Bell, Ltd., Carlton Street, Nottingham. 16191

MANN'S 64in. x 44in. Direct Rotary LITHO MACHINE, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

MAGAZINE for Linotype Model 1. Had little use. Offers.—Printer, Talbot Place, Trafford Bar, Manchester. 16176

SMALL Printing Plant (City) for sale, £125. Vendor will feed with orders.—Box 16195.

TYPOGRAPH Composing Machine, Model A, first-class condition. Moderate price.—Box 16178.

TYPE, ETC.

TYPE, Borders, small jobbing founts, some new.—Morris, 39, Gladstone Street, Scarborough. 16188

**THE
FINEST
STEREOS
IT IS
POSSIBLE
TO MAKE
WITH THE
FINEST
MACHINERY
IT IS
POSSIBLE
TO BUY.**

PHONE

GERRARD 3664 (4 LINES)

The
**WEST END
ENGRAVING
COMPANY, LTD.
17, ST. ANNE'S CT.
WARDOUR ST. W.**

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing RISCATYPE. 15732

WANTED

SITUATIONS WANTED

BINDER and FINISHER, Young man, seeks situation. Account, letterpress, General, extra and art binding and finishing.—A. H., 65, Edgecumbe Street, Hull, Yorks. 16184

COMP.-IMPROVER, General Jobbing and Display, Posters, etc.—A. G. Brewer, Woodgreen, Salisbury. 16185

COMP. (25), N.S., keen man, all jobb, and News, modern display; relieve Lino. S.W. London pref.—c/o Gransby, 15, Whittings Road, Barnet, Herts. 16187

GUILLotine and Warehouse Hand seeks situation. Any class of work or machine.—Box 16170.

H. WHEELER, LTD., Weymouth, recommend Improver, Comp.-Machinist, age 21. General Jobbing and Display; Platen and Wharfe. 16179

LITHO MACHINE MAN (young), good experience both press and machine, Offset.—Box 16180.

LINOTYPE Operator and MACHINE Minder, seek situations together in Africa or Egypt. Both young, experienced and conscientious.—Box 16193.

MINDER seeks situation. Two-revolutions and Wharfes.—R., 18, Grenfell Road, Mitcham, Surrey. 16156

THE PRINTERS' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. Phone Holborn 0527. 15931

WHITE Paper Warehouseman seeks sit.—G. Sheridan, 15, Nelson Avenue, Tonbridge. 16163

FOR SALE AND WANTED

SITUATIONS WANTED—continued

YOUNG Man requires situation Machine Minder Improver. Recently served 7 years' apprenticeship. Excellent references. L.S.P.—H. Myson, 3, Topsheld Cottages, Hornsey, N.8. 16183

MACHINERY AND PLANT

EXCHANGE Demy Litho flat-bed machine for Platen machine.—W. P. Price, Ltd., 17, Butler Street, London, E.1. 16192

FOOLSCAP F. CYLINDER, Treadle. Give specification and cash price.—Box 16149.

WANTED.—Small STEREO PLANT.—2, Westbourne Grove, Sale, Ches. 16175

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION FOR SPEEDY RESULTS

TENDERS

CUMBERLAND COUNTY COUNCIL PRINTING AND STATIONERY

THE Cumberland County Council invite Tenders for printing and the supply of stationery, etc., for their several departments for the period from May 1st, 1934, to March 31st, 1937.

Specifications and form of Tender will be supplied on and after Tuesday, March 13th, on receipt of stamped and addressed envelope (and remittance of 10s. 6d., which will be returned on receipt of bona-fide tender) on application to the undersigned. Tenders must be received by the undersigned not later than first post on Monday, April 2nd next, and the envelope **MUST** be marked "Tender for Printing and Stationery."

Adequate arrangements will be made for the inspection of all samples by prospective Contractors at the Offices of the Clerk of the Council.

Dated this 7th day of March, 1934.

C. W. ALLAN HODGSON,

Clerk of the County Council.
County Offices, Carlisle.

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Tuesday, 20th March, 1934, are invited from firms with London Works, for the TYPE-LITHOGRAPHIC PRINTING of Bills of Quantities for the Public Service—Group 934.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1.

INSERT
YOUR
ADVERT.

IN
THIS
WEEKLY
SALES
SERVICE

COST
6d.

PER LINE

MINIMUM

2 LINES

BOX No.

SIXPENCE

EXTRA

TENDERS—continued

BROMLEY RURAL DISTRICT COUNCIL
Books and Printing and Stationery and Office Sundries

THE above-named Council invite tenders for the supply of:—

- (a) Books and Printing
- (b) Stationery and Office Sundries

for the period ending March 31st, 1935.

Forms of Tender may be obtained from the undersigned, and must be returned, duly completed and endorsed "Tender for . . ." not later than 12 o'clock NOON on SATURDAY, MARCH 17th, 1934.

The Council do not bind themselves to accept the lowest or the whole of any tender.

By Order,

LEONARD O. WALL,

Clerk to the Council.

Council Offices,

Crofton Pound Hill,
Orpington, Kent.

March 1st, 1934.

H.M. STATIONERY OFFICE

TENDERS to be delivered before noon on Thursday, 22nd March, 1934, are invited for certain **JOBWORK PRINTING** for the War Office—Groups 657 and 658.

For particulars apply to the Controller, H.M. Stationery Office, Westminster, S.W.1, or to the Superintendent, H.M. Stationery Office, 26, York Street, Manchester.

LEGAL

PAVYERS AND BULLENS, LTD.

EXPLANATION AND APOLOGY

T. J. Dunne, of 37, Sidmouth Street, London, W.C.1, begs to give notice that in an advertisement inserted by him in the "Daily Telegraph" of the 7th February for a Printer with moderate capital, requiring answers to be sent to "D," c/o Pavyers and Bullens, Ltd., 119, Cromer Street, W.C.1, the address was specified without previous reference to, or the consent of, Pavyers and Bullens, Ltd. It is now realised that such consent should have been first obtained, and T. J. Dunne desires to express his profound regret for having used without permission the name of Pavyers and Bullens, Ltd., and offers that company an unqualified apology.

MESSRS. FIELD, SONS, AND CO., LTD., colour printers and box manufacturers, of Bradford, are to extend their works by the erection of a three-storey building. Still further extensions are to be made later on, a site having been already acquired.

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

BLOCKMAKERS

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm

G. H. MADDIN & CO. Ltd
Engravers & Die Sinks
Cameo Printing Dies & Embossing Blocks
of every description for Highclass & Distinctive Work
ORIGINAL DESIGNS & PATENTERS

Telephone
"METALWORK LONDON"
Engraving
STUD. NATIONAL
10 & 11 MIDDLE ST. ALDERSGATE ST. LONDON, E.C.1.

ENGRAVERS

FOR GOOD SERVICE

MARSHALL

ENGRAVING CO. LD. CENTRAL 4626
12 & 14 FARRINODON AVE. E.C. 4 LINES

**ARTISTS
PHOTOGRAPHERS
PHOTO-ENGRAVERS**

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHURE -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2

H.E.W. JOHNSON LTD.
METANA HOUSE, HIND COURT, FLEET ST. LONDON E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

**INFORMATION
SUPPLIED**

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone: Central 6678
Telegrams: "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

CONTRACTORS FOR OVER SIXTY YEARS TO H.M. PRINTING OFFICES,
HON. BOARD OF INLAND REVENUE AND THE PRINTING TRADE GENERALLY



Registered Trade Mark

Established 1868

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
An extensive and up-to-date Plant enables all orders to be dealt with promptly.

Compositions

for Home & Export in grades to suit all requirements. None but the finest and MOST SUITABLE materials are used. Look for the Trade Mark, as above, on every slab. Obtainable through all Importing Houses.

"THE DURABLE" PRINTERS' ROLLER CO., LTD.

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

PROCESS BUY  **BRITISH COPPER**

THE BRITISH AND COLONIAL PRINTER AND STATIONER

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

FOUNDED 1878

VOLUME 114
NEW SERIES No. 281

LONDON: March 15, 1934

EVERY THURSDAY
PRICE THREEPENCE

Is your Composing Room an "ALL-Weather Friend"?

"STORMY"

Rush of orders. Revises—wanted urgently—are being handled without holding up "good copy" on keyboards. Plenty of sorts and materials always ready to hand. The "Monotype" keyboard has no speed limit; the "Monotype" caster is fully automatic.

"SET FAIR"

How often does your composing room have "just enough" work going through?

"DROUGHT"

Slack season. But no need for the "Monotype" composing machine to be idle! Cast up sorts, leads, rules, quads for mounting blocks, display type from cheaply HIRED matrices. Be prepared for the next "rush"—and for the demand for a new, "brighter" display face.

You are prepared when you have installed the

'MONOTYPE' TYPE COMPOSING
& CASTING MACHINE

THE MONOTYPE CORPORATION LIMITED

43 FETTER LANE, LONDON, E.C.4

CENTRAL 9224

"MONOTYPE, FLEET, LONDON"

REG. MONOTYPE TRADE MARK

FRY'S SERVICE IS AS GOOD AS FRY'S METAL

SPRING

IS COMING . . .

AND WITH IT THE
SPRING NUMBER OF
PAPER & PRINT
LOOK OUT FOR THE
ATTRACTIVELY PRINTED
GREEN COVER

If you are not already a subscriber fill in the form below and make certain of getting your copy. Paper & Print is in universal demand and all previous issues are out of print.

PUBLISHED QUARTERLY:	THE ANNUAL SUB-
SCRIPTION IS FIVE SHILLINGS, POSTAGE INCLUDED	

Please send me (us) "Paper and Print" each quarter till countermanded.

Name

Address

"Paper & Print," 58 Shoe Lane, London, E.C.4.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

VOLUME 114
NEW SERIES No. 281

LONDON : March 15, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

THE recent case in which a printer sought payment for sketches furnished to a customer in connection with a printing inquiry puts a temporary "paid" to some of the things we most of us were hoping we could believe in.

* * *

Sketches: Where Do We Stand?

THERE will perhaps be something more to hear in regard to certain of the issues, but at the moment it seems to be set down that the "Standard Conditions" as adopted officially for printers' use and printed on the back of their estimate forms, count for next to nothing. Apparently it is not enough to have the clauses dormant, out of sight. They must be specifically coupled up with quotations; must have reference made to them on the front as well as being on the back of the form. Even with all the precautions taken that can be taken, it is ruled that if printers supply sketches in their pursuit of business they cannot recover on the cost of the sketches unless there is a definite undertaking on the part of the client to pay. It will best pay printers to have it clear with their client where they stand when he sends in a request for sketch and price. Presumably it will be clear enough if the client tells the printer that he has six different printers all sending sketches and prices,

and that he would not be fool enough to set so many printers on the job if he had to pay them for their work.

* * *

The Printer's Foolishness

THERE is a marked difference in the treatment meted out to printers and to art agents or free-lance artists. The same type of house that uses the printer as a medium for free sketches, free ideas and free service, occasionally secures sketches or suggestions from the professional sources; and in these cases, almost without question, the work done is charged up and paid for. The top and bottom of the whole thing is that printers tumble over one another to

take each other's work; they give sketches because they are afraid of offending a possible customer, or because they are afraid if they don't give them a competitor might. There is scarcely a printer in the whole of the country who does not regularly offend against the principles of loyalty, the laws of good business or the morals of good fellowship. In consequence, the industry ranks low in intelligence, in professional status and in prosperity. It is burdened by worry, responsibility and hard work, and repaid by a bare pittance.

* * *

Y.M.P. Summer School

THE next generation of master printers should be

ON OTHER PAGES

	PAGE
Personalia	258
Printing Ink and Protection—	
Views of Mr. Percy Squire	260
Home Counties Y.M.P.s	261
Trade Notes	262
Gummed Label Design—	
Samuel Jones Competition	262
Printers' Managers and Overseers	264
Stereo Managers and Overseers	264
Lino-Cuts and the Commercial Printer	265
W. & N.-W. London Master Printers—	
Coming-of-Age Dinner	266
Mr. Harry Fulcher	267
French Book Production—	
Contrast with English Methods	268
Bookbinders' Overseers	270
World's Smallest Fully-Bound Book	272
Vellum Binders' Pension Society	273
Bookbinders' Costs	274
"Better Stationery" Campaign	275
Readers' Pension Committee	276
P.T.A. Annual Dinner	277
Commercial Review	278

a superior race, to judge from the development of the Young Master Printers' movement. There never were such opportunities for acquiring first-hand knowledge, for practising administration, for exchanging views, for seeing things, and for getting hold of first-hand information. The older race of masters just worked, and were pushed into things to get them done. They did not train, nor did they do much study; and they certainly did not have their

own junior organisation. Such a thing as a Summer School was outside any dream; the office was the school, and it was a school of practice with no room for theory. Our young master printers are being well looked after, and the industry will benefit by the infusion of the more orderly type of mind which is in process of formation. This latest idea—the Summer School—is a new experiment which will be followed with keen interest by those who care.

PERSONALIA

Sir Robert Webber was given a congratulatory dinner in London last week to mark his recent knighthood, Lord Camrose presiding. Sir Robert is managing director of the "Western Mail," a member of the Board of the Press Association and a director of Reuters.

Sir Charles Hyde, the proprietor of the "Birmingham Post," has been re-elected president of the Birmingham Press Club.

Mr. J. H. Whitfield, of Messrs. J. H. Whitfield, Ltd., suppliers of mounting wood and clamp boards to the process and electrotyping trades, is taking the chair at Anderton's Hotel on Monday, March 26th, at a concert on behalf of the funds of the Electrotypers and Stereotypers' Auxiliary to the Printers' Pension Corporation.

Dr. H. S. Milford, chairman for fifteen years of the Educational Group of the Publishers' Association, on the occasion of his recent retirement from that office, was presented at Stationers' Hall with a suitably inscribed gold watch from the members of the group. Tribute was paid to his service by Mr. A. J. McDougall and Mr. Guy Bickers.

Mr. H. G. Wood was elected the new chairman of the Group, on the proposition of Mr. H. R. Hall, seconded by Mr. G. Wilson.

Mr. Rolland J. Miller, after completing twenty-one years as manager of the Bishop Auckland office of the "North Eastern Daily Gazette," was last week honoured by the directors and by members of the staff and friends. He was presented with a silver salver from the directors and a drawing-room cabinet and canteen of cutlery from members of the staff and friends. Mr. A. Pickering, director and general manager of the "Gazette," who made the presentation, said the firm had in Mr. Miller a manager who had proved in every way the confidence which had been placed in him.

Mr. Arthur Gunstone, who has been employed at Messrs. Hazell, Watson and Viney's printing works for fifty-four years, retired last week on pension, and was presented by his colleagues in the binding department with a barometer and a wallet.

Mr. Hugh Inglis, of Liverpool, has been nominated for the presidency of the Typographical Association. If he is elected, it is probable that he will retire as Parliamentary Labour candidate for Blackburn.

Mr. S. E. Ford, a member of the case-room staff of the "Sheffield Telegraph," has been presented by the proprietors with a gold watch on his retirement, owing to failing eyesight, after forty-nine years' service. The presentation was made by Sir Charles Clifford, chairman of the board.



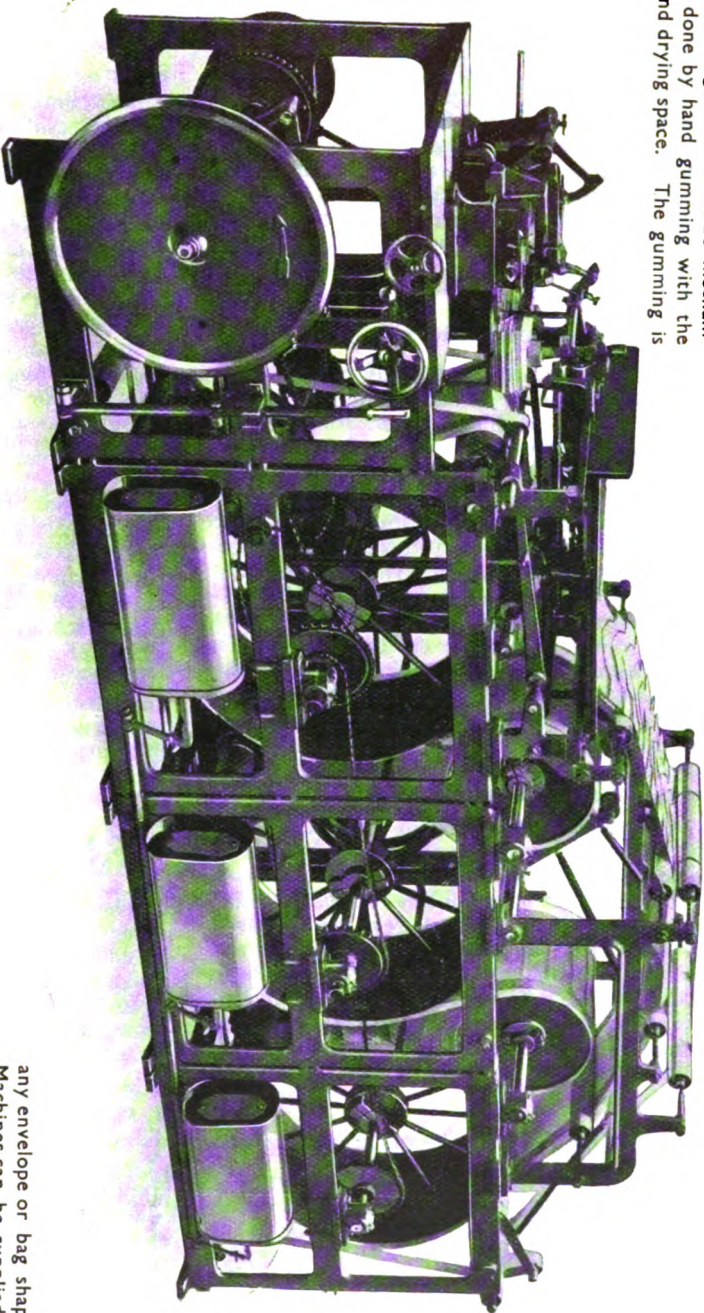
THE COMPLEMENT
TO GOOD COPY
IS A PICTURE

USE MORE BLOCKS

AN ANNOUNCEMENT OF THE FEDERATION OF MASTER PROCESS ENGRAVERS

BUY BRITISH MACHINERY

The "Leader" Flap Gumming Machine will do mechanically all that can be done by hand gumming with the minimum of labour and drying space. The gumming is carried out by a wipe-off gummer, so that straight across or shaped gumming can be obtained as desired.



The range of the standard machine is 14½" x 11" down to 4" x 3½", and the machine will gum the flaps of any envelope or bag shape within this range. Machines can be supplied with special ranges to accommodate larger sizes if required.

THE "LEADER" ENVELOPE FLAP GUMMING MACHINE

BUILT IN SCOTLAND—EXCELS ANY FOREIGN MAKE

DAVID CARLAW & SONS, LTD.,

31 FINNIESTON ST., GLASGOW, C.3.

TELEGRAPHIC ADDRESS: "AUTOMATON," GLASGOW

TELEPHONES: CENTRAL 1262 & 1263.

London Representatives: **DAWSON, PAYNE & LOCKETT, LTD., DEAN STREET, FETTER LANE, E.C.4.**

TELEGRAPHIC ADDRESS: "WHARFEDALE," LONDON.

TELEPHONE: CENTRAL 9265

PRINTING INK AND PROTECTION

VIEWS OF MR. PERCY SQUIRE

The passing of the new Dyestuffs Bill last week in the House of Commons has naturally caused a good deal of comment amongst printing ink manufacturers in this country. It is too early yet to say what effect the passing of the Bill will have upon British printing ink makers, but the president of the Society of British Printing Ink Makers, Mr. Percy Squire, has expressed to a representative of the **BRITISH AND COLONIAL PRINTER AND STATIONER** his great regret that the carrying of the third reading of the Dyestuffs Act has been effected. Mr. Squire says further that printing inks containing dyestuffs have no longer the real protection which they have enjoyed under the 1920 Dyestuffs (Import Regulation) Act.

Ink-Makers' Efforts

The interests of the printing ink industry were very ably put forward during the committee stages of the Bill by Mr. Herbert G. Williams, M.P. for Croydon South, but it was obviously the intention of the Government in view of the recommendations of the Import Duties Advisory Committee that the Bill should go through the House substantially on the lines of their recommendations, and it emerged through the Committee stage practically unaltered. The position, according to Mr. Squire, leaves the printing ink industry in a rather sore frame of mind, because the Act secured to a very real extent the exclusion from this country of foreign inks. The industry had gone ahead by leaps and bounds, qualities had so improved that it was even possible to sell British ink in Germany, the home of the dye industry, and the increased protection brought about had a happy reaction on the export business which had thereby been increased.

Printers throughout Great Britain have expressed only satisfaction at the developments which have been made possible by extensive research and increased turnover. The printing ink industry claims to have spent roughly £20,000 in the last year on research alone, with the sole purpose of improving their products, so that it cannot be said progress has been arrested by the exclusion of imports. All the Government has accomplished so far as the ink trade is concerned, asserts Mr. Squire, has been to injure a promising and developing industry without benefiting the consumer.

The Question of Revenue

It may be that the Treasury are looking forward to getting increased revenue to be obtained from duties levied on imports, but if these are found out to be at the expense mainly of the workpeople, some of whom may shortly have to be discharged because of what the Government of the day has done, surely any increased revenue is not justified by the sacrifices to be made, which will fall most heavily upon those least able to bear them, namely, the workpeople.

At the same time it is feared that progress in the industry may be arrested, but it is hoped that even now it is not too late to restore the old conditions. It has been suggested in certain directions, even by the Advisory Committee, that if imports should increase, the

situation could be dealt with by increased duties, but it seems a pity to wait until the mischief is done, rather than prevent its happening.

Customs Complications

Another side to the question is the purely technical one, i.e., that certain dyestuffs are only with the greatest difficulty separable from those which are required for the textile industry and those used for printing ink and paint. Some of them are used for both trades, and it is predicted that considerable complications will occur when such dyes pass through the Customs, who will have the difficult task of describing them; there may be infinite confusion. The work of H.M. Customs is simply to collect duties, and it will be for the trader, if he can, to prove to which series of classification his imports belong. If they are for textiles in the main they will be under licence and free of duty, if they come in as inks, and many printing inks contain as much as 60 per cent. of pure dye, then they will pay duty.

Mr. Squire maintains that the position is anomalous, and expresses extreme regret that such a decision has been arrived at. Further he holds that the constitution of the committee provided in the Act leaves much to be desired, the committee being one that seems to be dominated by a large proportion of members of the Board of Trade, consumers being in a distinct minority, whereas printing ink manufacturers should have been represented as well as textile users of dyes, and the proportion of official representatives should have been smaller.

F.M.P. Annual Conference

The annual conference of the British Federation of Master Printers draws near again. This year the London Association are the hosts, and they have chosen Torquay as the venue. The conference lasts from Saturday, June 1st, till Wednesday, June 6th, and those who attend will be shown all that is best of this beautiful seaside resort.

A provisional programme has just been issued by the L.M.P.A. This shows that Saturday and Sunday will be given over to social engagements. On Monday, Tuesday, and Wednesday the mornings are reserved for business meetings, and the afternoons are to be devoted to outings and sports meetings. An attractive folder outlining the amenities of Torquay, issued by the Great Western Railway accompanies the provisional programme, and draws attention by its numerous photographs and its text to the attractions which Torquay offers for the success of such a conference as this.

WORK is proceeding at the British Museum on the new catalogue of the Museum, which, it is estimated, will take twenty-five years to complete. The catalogue will make 230 large volumes.

HOME COUNTIES Y.M.P.s

Successful Week-end Conference

A well-attended week-end conference of the Young Master Printers Group of the Home Counties Master Printers Alliance was held at High Leigh, Hoddesdon, Herts, from Friday last to Monday. Many distinguished members of the trade were present as guests and as speakers. Among those present were Mr. B. Guy Harrison and Mr. W. H. Sessions, president and vice-president of the Federation; Mr. F. H. Bisset, Federation secretary; Mr. S. Hudson, president of the H.C.M.P.A., and Mrs. Hudson; Mr. E. Polden, chairman of the Home Counties Y.M.P. Group, and Mrs. Polden; Mr. P. J. W. Kilpatrick, chairman of the Federation Y.M.P. Committee; and Mr. Percy D. Michael, Home Counties Alliance secretary.

The conference opened on Friday afternoon. After tea Mr. Polden gave a brief "Preamble" welcoming all and speaking of the objects of the conference. Dinner followed, the principal speakers being Mr. L. D. Greenhill and Mr. A. E. Owen-Jones.

Saturday morning was given over to addresses by Dr. G. L. Riddell and Mr. J. L. Milligan, while Mr. C. C. Knights gave an address in the evening. Saturday afternoon was spent as desired, and on Sunday morning the party visited Whipsnade Zoo,

where they had a picnic lunch. The only address of Sunday was at 5.30 by Dr. G. H. Miles, D.Sc. Sunday evening was devoted to the Y.M.P. dinner.

Before leaving High Leigh on Monday, the conference was addressed by Mrs. Beatrice Warde and Mr. R. B. Fishenden. After lunch, High Leigh was left by motor coaches, which took the party to the Tottenham ink factory of Messrs. Lorilleux and Bolton, Ltd. A tour was made of the works, and then tea was taken at the firm's invitation.

Thence the party came to London, where each departed for his separate destination, with a wealth of new information and ideas and memories of pleasant friendships formed.

THE year book of the Department of Printing, of the Working Men's College, Melbourne, Australia, contains a variety of specimens of letterpress printing, which show that the Department is performing a good work in Melbourne. The specimens have been produced by students from fifteen to twenty years old, and comprise examples of three, five and seven colour work, monochrome half-tone, and a considerable number of commercial and book printing specimens. Good layouts and advertisement settings are included.

S
&
P

Printing Inks FOR ALL PROCESSES

OFFSET & PHOTOGRAVURE INKS
IN ALL SHADES ARE A SPECIALITY WITH S. & P. LTD.

IF YOU HAVE NOT

a Photogravure Machine you should try the following Letterpress Inks

• **ACME
BLACK**

No. 128 2/- per lb.

• **GUARDS
SCARLET**

No. 708 4/- per lb.

• **JELLY
VELVET BLACK**

No. J137 3/- per lb.

SLATER & PALMER

4, WINE
OFFICE
COURT

LIMITED

FLEET ST.

Phone: 0211 Central
Grams: Palmink, Fleet
LONDON E.C.4

S
&
P

TRADE NOTES

THE new "Clarion" is being printed at Odhams Press, Long Acre.

ALBERT DICKS, of A. & E. Dicks, printers, of Twickenham (Middlesex), was fined £20 and £10 10s. costs at Brentford on a summons under the Truck Acts, accusing him of making unlawful deductions from apprentices' wages. A similar summons against Edith Dicks was dismissed.

THE Irish Free State Public Services Estimates for 1934-35 show that an expenditure of £108,169 is anticipated for stationery and printing for Government Departments during the year. This figure is £107 higher than that for 1933-34.

MR. WALKER HENRY WILTSHIRE, editor of the "Hornsey Journal," who has died at Hove, Sussex, was 82 years of age.

THE death has to be recorded of Mr. John Dixon (74), who was employed for many years by Messrs. R. Robinson and Co., Ltd., the Newcastle printers, retiring four years ago. He was a past president and treasurer of the local branch of the Typographical Association.

OLD PERIODICALS DUTY.—The Treasury has issued an order, on the recommendation of the Import Duties Advisory Committee, increasing to 1s. per lb., as from March 8th, the duty on certain out-of-date periodicals recently removed from the free list, and imposing, as from the same date, additional duties on certain catalogues, trade lists, and advertising material.

THE "Stratford-upon-Avon Herald" in its current issue announces that it has decided to adopt "The Times" new Roman type-face.

A LARGE and gaily coloured calendar is issued by Messrs. Charles and Read, Ltd., of 27, Chancery Lane, London, who are well known for their colour lithography. It is good to learn that delay in producing the calendar is attributed to an exceptionally busy period the firm has experienced.

AFTER distributing nearly £100,000 to 2,300 men and women and 1,500 children, the National Advertising Benevolent Society is facing a serious financial crisis.

A STRIKE of newspaper workers figures prominently in the present industrial and political crisis in Spain.

Gummed Label Design

Samuel Jones Competition

At the showroom of Messrs. Samuel Jones and Co., Ltd., Bridewell Place, E.C.4, there has been on view for a week or so an exhibition of designs which were submitted in the recent Gummed Label Competition run by the firm. In that competition there were over 2,000 entries, and the competitors were from all parts of the world, twelve countries outside the British Isles being represented. As can be imagined, attempts were received from all kinds of people, and whilst there were some entries that were crude, the judging committee considered the general standard to be high. The adjudicators were under the chairmanship of Mr. George W. Jones, of the Dolphin Press.

The Prize-Winners

The three main prize-winners were: Mr. T. Morris, of Hampstead (£100); Mr. P. A. Ray, of Bournemouth (£50); and Mr. Faktor W. Peterson, of Stockholm, Sweden (£25). It is noteworthy that the second prize-winner is a lad of sixteen years old. There were also six consolation prizes.

The exhibition at the firm's showroom was representative of every modern style, and a variety of colourful designs were to be seen, suitable for reproduction by various printing processes. Though the space occupied by a gummed label is limited, there was unassailable evidence to show that high artistry and skilful designing can be very effective in getting the best from the label. A surprising amount of individuality and originality was introduced into the production of the labels. The modernistic touch was much in evidence and, according to the judges, where many of the designs lacked artistic merit they certainly

made up for it in the grotesque. Some very striking results were obtained with air-brush work.

The feature of the prize-winning designs was simplicity. The effects obtained were original and distinctive, and additionally praiseworthy in that they would present no difficulty or unusual expense in reproduction. It is interesting to note that few competitors took advantage of the use of tinted papers, and less had prepared their entries as "cut-out" labels.

The exhibition of the designs is to go to Birmingham and Manchester shortly.

Samuel Jones are to be congratulated on their enterprise in arranging this competition, and on the success it has achieved.

Serious Printery Fire

A disastrous fire destroyed most of the premises of the Leicester Co-operative Printing Works in Church Street, Leicester, on Wednesday of last week. The fire started on the ground floor and burned out the composing and machine departments and then spread to the printing and lithographic departments, which were also burned out. The only parts of the premises which were saved were the offices and the record-rooms.

The damage is variously estimated at from £20,000 to £50,000. About 120 employees will be thrown out of work. The brigade had a difficult task, the works being in a congested area, and thick smoke was given off by burning paper which necessitated the use of gas masks. There was great danger also from falling metal.

Printers' Managers and Overseers

LONDON (PARENT) CENTRE MEETS

The March meeting of the London (Parent) Centre of the Printers' Managers and Overseers Association—held at the Old Bell, Holborn, on Tuesday of last week—was entirely devoted to Association business. Mr. M. J. Odell presided, supported by the vice-president, general secretary and other officers.

The minutes of the previous meeting having been approved, the secretary informed members of a letter he had received from Mr. J. C. Pugh, one of the Association's trustees, who had been taken very ill again. Members were pleased to hear that Mr. Pugh was making good progress, and hoped to be about again in a few weeks.

Mr. R. B. Hardie took an opportunity to inform the meeting of the death of one of their oldest and most respected members—Mr. G. Terry. It was arranged that a letter of condolence be sent to the relatives, and Mr. Hardie volunteered to attend the funeral.

The Annual Dinner

The president drew members' attention to the approach of the Association's annual dinner on April 7th, and said that they had to elect several stewards additional to those elected by the Council. The following were chosen: Messrs. A. Shepherd, A. E. Brades and H. E. Traves. Those elected by the Council are: Messrs. W. R. Oxbrow, A. E. Caller, T. G. Carne, G. Cohen and A. Sargent.

A recommendation for membership was the next business, the candidate being Mr. Albert C. Roberts, 133, Clive Road, West Dulwich—composing room overseer, Porteous, Ltd., Imperial Works, Leman Street, E.1. Mr. Roberts was accorded a personal welcome by the president and members.

The secretary announced that it had been decided that a committee be appointed to handle the Association Year Book and Diary, for which the general secretary had previously been responsible. Two members had to be elected from the general meeting for that committee.

Mr. C. H. Blenkins and Mr. A. E. Brades were elected from the meeting to the Diary committee.

First National Council Meeting

The next business was to consider the report of the first National Council Meeting, held on February 10th, which report was already in members' hands.

The president explained what had been done and what discussion had taken place at that meeting. Mr. Oxbrow and other delegates added a few words corroborating what the president had said, all agreeing that the spirit in which the meeting had been held had been one of brotherhood and unity.

Various members pointed to the long discussion at the delegate meeting of what appeared to be trivial matters. The secretary explained this satisfactorily when he said that one or two Centres felt they had had grievances for a number of years, and they had taken that opportunity to bring them up. He thought

it would be agreed that it was a good thing those grievances had been cleared up, because going round the Centres there was always a possibility of their becoming exaggerated. Referring to the suggested re-opening of the Superannuation Fund, Mr. Simpson said there had been a long and careful discussion, and it had eventually been decided not to re-open it. He thought he could say that the first meeting of the National Council had been a success. The second meeting would be still more satisfactory. They had no regrets that the National Council had been formed.

Under "General Business" the president drew attention to a letter he had received from the president of the American Association of Managing Printers, in which it was stated that that body was anxious to interchange opinions and publications with the P.M. & O.A. Mr. Odell felt sure the members would wish that this be done.

Mr. Hardie, congratulated the London delegates to the National Council on the work they had done, and proposed a vote of thanks to them. Mr. Dawson seconded this, and the motion was heartily accorded.

Finally Mr. R. H. Berry appealed for members' votes in the forthcoming P.P.C. election.

COMMERCIAL LINOGRAPHY

A Complete Text Book by Frank Adams, Crown 4to, Paper Cover. Fully illustrated in colour. A study of this book—a set of tools (10/6 from the Euston Press) and practice, make it possible to become proficient in making blocks acceptable to the printer without previous knowledge. Post free on receipt of Postal Order, or sent C. O. D. Post.

3/9

LANGLEY & SONS, LTD.

The Euston Press

4, 6 & 8 Euston Buildings, N.W. 1

MUSEUM 4263



Established 1860

Stereo Managers and Overseers Association

Monthly Meeting and Informal Dinner

The March meeting of the Electrotypers and Stereotypers Managers and Overseers Association was held on Thursday last at St. Bride Institute, Bride Lane, E.C.4, Mr. J. Black (president) presiding over a good attendance of the members.

Mr. Black announced that Mr. W. J. Brewster (stereo. instructor, London School of Printing), would give a lecture at the next meeting of the Association of impressions gained from a recent visit to a paper mill.

Mr. A. Chadwell asked that the name of Mr. Frank Williams (son of the late Mr. Harry Williams) should be placed on the agenda for the next meeting, with a view of that gentleman becoming an honorary member.

The remainder of the evening was spent in an impromptu and informal but useful discussion which ranged around the economics of metal melting; electricity, oil and gas each coming in for their share of praise or otherwise according to the opinions of the various speakers. It being thought probable that experts on the questions under discussion might be able to throw more light on the subject, the secretary was asked to get into touch with several firms whose representatives might be asked to come along and address the members on the subjects referred to.

The Annual Informal Dinner

The annual informal dinner of the Association was held on Monday at the "Old Bell Restaurant," Holborn, with Mr. Harry Fulcher in the chair. Like its predecessors, the evening was enjoyed to the full, complete informality and joviality being prominent features of the proceedings. Amongst those present were Messrs. J. Black (president), A. H. Howell (vice-chairman), A. Chadwell (immediate past president), W. Bullett and Bernard Titchener (joint secretaries), Walter Warren (general secretary of the National Society of Electrotypers and Stereotypers), T. Middleton, W. J. Newman, F. Mouse, Kenneth and G. J. Light, Fredk. Williams, Frank Williams, T. Fisher, W. Field, F. D. Hynes, A. J. Cannon, W. Peters, Harry Knowles, L. B. Dormer, S. W. Fillimore, W. McLaughlin, Arthur Nichols, J. H. Whitfield, W. J. Brewster, W. Crosby, S. C. Atkins, B. W. Wood, A. Elam, H. Filkins, and W. M. Forsyth. Telegrams expressing regret at absence and personal good wishes to the chairman were received from Mr. Fred. Chadwell and Mr. Hugh Dixon.

Following the loyal toast, came the speeches, which were framed in appropriate terms, and as can well be imagined, their contents were mostly over-weighted by anecdote and story.

Mr. J. Black, who submitted "The Visitors," made many and much-appreciated allusions to his native Scotland, and in the course of a very humorous speech conveyed the fact that the Association was always delighted to entertain its guests, who, he remarked brought good cheer to their gatherings. He hoped to see them on future festive occasions.

The toast having been given musical honours, it was replied to by Messrs. F. Mouse, A. J. Cannon, W. J. Newman, J. H. Whitfield, W. Field, F. D. Hynes, Kenneth Light, and Harry Knowles, each of the speakers bearing testimony as to the enjoyable nature of the evening.

"The Chairman"

Mr. W. C. Warren proposed the health of the chairman in an able speech. The qualifications which a man had to possess to be elevated to the position of chairman at their informal dinners were many, he said, and he had to be regarded as a real good fellow by the whole of the members, and had got to be a white man through and through. No greater compliment could be paid to any man. Mr. Warren recalled the activities of men like the late Mr. W. Longley and the late Mr. W. Bishop, who had both been in the chair, and said their chairman that night had worthily filled the position of those that had gone before him. After giving an invitation to all to attend the next concert of the Auxiliary on March 26th, Mr. Warren referred to the Printers' Pension Corporation, which, he said, required a sum of £45,000 a year. They were more than grateful to Mr. J. S. Elias for his assistance this year. (Cheers.)

Mr. Warren next went on to speak of the triennial conference of the National Society of Electrotypers and Stereotypers to be held in London in May. This gathering in previous years had been held all over Scotland, England and Ireland, but never before in the Metropolis. Touching on one or two aspects of the Society's history, Mr. Warren mentioned that it was founded in 1893 by a few enthusiastic men. Then it had a membership of 500. This year they were in the proud position of being probably the best organised society in the printing trade so far as the percentage of members of their trade were concerned.

The toast was accorded musical honours, and Mr. Fulcher, in responding, said he felt very proud to occupy the honoured position of chairman. They all knew, he proceeded, that their Association could only succeed on the exercise of good fellowship and understanding, and he thought that was the sort of gathering which encouraged them. There was a younger generation coming into their trade, some of whom would eventually be overseers and managers. He thought the Association was to be congratulated on its recent appointment of Mr. Bernard Titchener to act with Mr. Bullett as joint secretary. In closing, Mr. Fulcher said he was confident the Association could look forward to a very happy and successful future.

Before resuming his seat, Mr. Fulcher said he thought it would be an appropriate act if a spontaneous collection could be made to help Mr. Whitfield at the next Auxiliary concert. Accordingly a sum of thirty guineas was quickly forthcoming.

The stewards were Messrs. S. C. Atkins and B. W. Wood. A number of well-known artistes contributed to the musical programme,

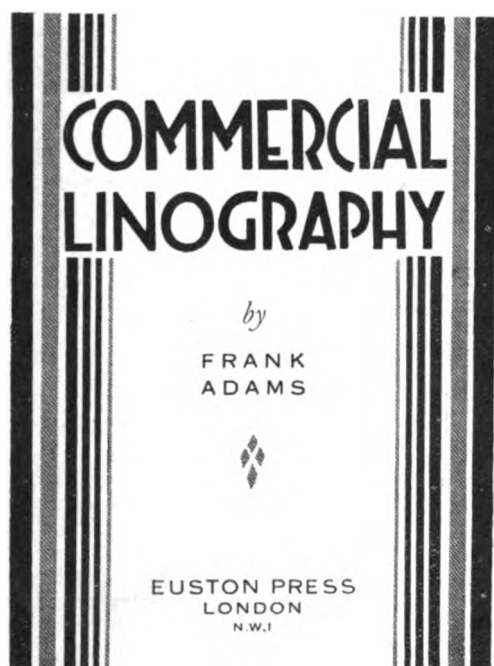
Lino-Cuts and the Commercial Printer

Distinctive Effects Made Easy

Though lino-cuts are to some extent known and used in the trade, there has not hitherto been an authoritative and comprehensive source of printed information. That may be partly the reason for the hazy ideas which are prevalent in respect of such printing surfaces. Thus a service is performed to the trade by

repairing damaged plates, and the printing, cleaning and care of the plates. The tools needed are indicated and illustrated. A further chapter shows the flexibility of the process by explaining the method of enlarging or reducing typefaces or drawings, while other articles deal with the production of ornaments and equidistant lines. The book concludes with a series of general remarks and hints on how to get the very best results.

The volume is well illustrated in colour and monochrome with specimens of work produced by this method, which at once show the scope and the limitations of the process, and the attractive effects which can be obtained. Published at 3s. 6d. net, the book is a useful addition to the printer's technical bookshelf.



Messrs. Langley and Sons, Ltd., by their publishing "Commercial Linography," a quarto paper-wrapped volume which explains in simple language the production of lino-cut plates for commercial use, and indicates the possibilities of the process.

Catering for Modern Taste

The author of the book is Mr. Frank Adams, who has done much towards making the lino-cut a practical printing medium. In his introduction he refers to the modern taste for broad effects, legibility at a distance, and clear-cut lettering that can be read quickly, as seen in the trend of modern advertising, particularly outdoor advertising; and he claims that for such work the lino-cut is particularly suitable. Thus the author outlines the new fields which the process opens up for the letterpress printer, enabling him to engage in poster production without being handicapped by the lack of flexibility of his types and borders.

Practical Instructions

After explaining the ease with which the process can be learned, the author proceeds to give full instructions for preparing lino-cuts by the Langley linograph method, dealing with engraving and cutting, mounting,

ALPINE GREEN is the name given to an ink produced "by an entirely new process" by Messrs. Coates Bros. and Co., Ltd. A specimen sheet which has reached us makes it evident that brilliant effects can be achieved with the ink. It is highly concentrated, and claims to be alkali and varnish resistant, and "permanent." A postcard to Messrs. Coates at St. Bride's House, Salisbury Square, E.C.4, mentioning the "British and Colonial Printer" will bring a sample by return.

Monotyping Service LIMITED

*The Trade Monotype Setters who
will add prestige to your House*

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND

(light and bold)

GILL SANS

(Bold, Light, Extra Light
and Italic)

GLOUCESTER

(bold, light and italic)

GOTHIC, LINING

(eight sizes)

GOUDY

(bold and italic)

PASTONCHI

POLIPHILUS

PLANTIN

(light and 110)

IMPRINT, Etc.

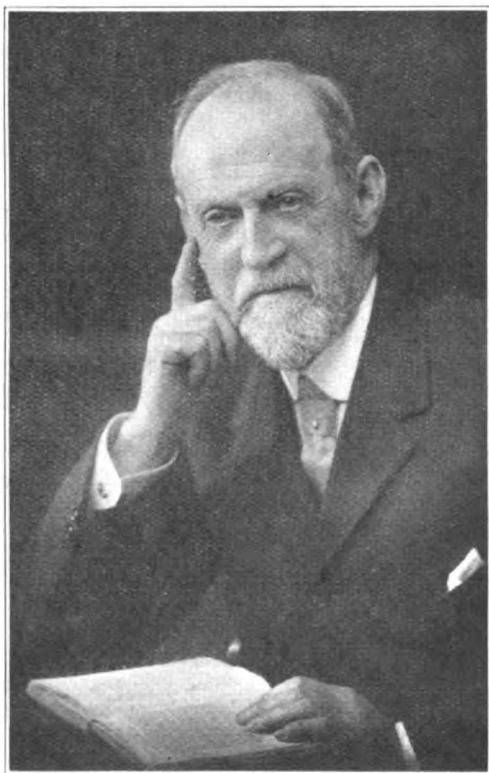
Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

W. & N.-W. London Master Printers

COMING-OF-AGE DINNER

The coming-of-age dinner of the Association of Master Printers of West and North-West London was held on Tuesday of last week at Pagani's, Great Portland Street, Mr. F. Scarsbrook (president), presiding over a large company of members, with a good representation of visitors from other district Associations.



MR. F. SCARBROOK

Thorough good-fellowship and sociability were again outstanding features of the proceedings, which were admirably directed by the secretary and his assistant (Mr. L. C. Langley and Mr. E. A. Neale). Amongst those present, in addition to the chairman, were: Mr. B. Guy Harrison (president, British Federation of Master Printers), Lt.-Col. B. L. Hooper (president, London Master Printers' Association), Mr. Fred Mason (senior vice-president, L.M.P.A.), and Messrs. F. H. Bisset (secretary, Federation), W. J. Boyle (secretary, Central Districts), W. J. Mizen (secretary, North London), Dr. Geo. Riddell, Messrs. E. G. Baker (secretary, L.M.P.A.), T. D. Hawkins (secretary, East and North-East), R. F. Hunger, F. A. Perry, L. C. Langley, E. A. Neale, O. G. Poulson, W. L. Sidders, J. S. King, J. Emlyn Jones, J. H. C. Hubner, A. T. Philp, W. J. Pollock, S. N. Heron, G. Rangecroft, P. G. Crannis, J. H. Quinn and H. H. Norman.

" Proper Profits for Printers "

After the loyal toast, Mr. B. Guy Harrison, in proposing what has been for a number of years the first toast at the Association's annual dinners, that of " Proper Profits for Printers," endorsed what Mr. Scarsbrook had previously said, and hoped that everyone present would attend the annual congress at Torquay and so make it a delightful function. Mr. Harrison, after a humorous reference to Greek mythology, said the Association was deserving of all the praise that it received because its functions, whatever their nature, were always well performed. Referring humorously to the theme of his toast, Mr. Harrison said that it occurred to him that if price-cutters cut too much theirs would become a " priceless " Federation. He did not know quite how to define proper profits. At the same time he thought they could not do better than make a note of the cartoon recently issued by the Peace Committee of the Society of Friends, which shows two mules pulling at a bundle of hay against each other, until they realised the wisdom of sharing; underneath were the words " Co-operation is better than conflict." That was what they required to assimilate, although he believed assimilation in that respect was growing. He imagined that if there were a 10 per cent. increase in their charges on their ordinary standard figures there would be at least £1,000 more in one year to divide amongst the owners of their businesses. He would like to say something about their chairman. He thought the members were fortunate in securing Mr. Scarsbrook as president for a second time. He (Mr. Scarsbrook) had been instrumental in forming that Association, and he was deserving of their deep gratitude for all the work he had done for it. The District Associations were the cornerstones of the Federation, and it was the work done by that Association and others like it, as well as the energies of men like Mr. Scarsbrook, that best served to minister to the interests of their trade and their country. (Cheers.)

Mr. F. Scarsbrook, in responding, mentioned first the great work done for the Association by the late Mr. Samuel Sidders, the late Mr. John R. Burt and the late Mr. Alfred Langley. As that was their twenty-first birthday he thought some mention should be made of the widows of Mr. Burt and Mr. Langley, and to each had been sent a bouquet of flowers from the Association. Speaking about the inception by Mr. J. R. Burt of the slogan " Proper Profits for Printers," Mr. Scarsbrook said he believed that if they did not allow their customers to beat them down, they would win in the end. All they wanted was a proper profit so that they would be able to show a respectable balance-sheet at the end of the year. He believed a brighter time was coming when they would be able to get greater rewards for their efforts. At that time they thought of the many men out of employment in their own craft, some of them experiencing great difficulties. Mr. Scarsbrook concluded by paying a tribute to Mr. Leonard Langley for the support he had given him during his year of office. (Cheers.)

Mr. W. J. Pollock, in submitting "The Visitors," said from the very earliest days of its history the Association had always been delighted to have present at their annual dinners a number of distinguished visitors. Amongst those he mentioned were Mr. Guy Harrison, Mr. Bisset, Lt.-Col. Hooper, Mr. Fred Mason, Mr. Hubner, Mr. Baker, all the secretaries and presidents of the District Associations except Mr. Fred Chivers, the secretary of the South-West, who wrote expressing his inability to be present. They appreciated the honour of the presence of these gentlemen, and of their charming ladies as well. There was no finer testimony as to the standing of their Association than this: It was within the memory of many of those

present that it was in that building and under their auspices that most of the district Associations of London were born.

Lt.-Col. Hooper, in responding, congratulated the Association on reaching its twenty-first birthday. In support of and in extension of Mr. Crowlesmith's brotherhood message, Lt.-Col. Hooper said they could not get more out of their Associations than they put into them. In closing, he appealed for full support at the forthcoming congress at Torquay.

The toasts were interspersed by excellent concert items given by Miss Genn-Williams, John Tilley, Leonard Henry, with Miss Emlyn Jones ably presiding at the piano.

Mr. Harry Fulcher

Chairman at Stereo Managers' Dinner

According to time-honoured custom, the Electrotypers and Stereotypers' Managers and Overseers Association make it a practice in respect of their informal dinners to invite one of their respected members to occupy the chair at this annual function, which is always stripped of every formality usually associated with gatherings of this kind. This year this place of honour was allotted to Mr. Harry J. Fulcher, and the function took place on Monday at the Old Bell Restaurant, Holborn—a report of the proceedings appearing elsewhere in this issue.

Mr. Fulcher has always taken an active interest in the affairs of the Association, and during his ten years of membership has built up for himself a reputation as one of its most useful and respected members; he is, indeed, one of its trustees. Mr. Fulcher is a son of Thomas Fulcher, who was for many years deputy stereotyper on the "Field and Queen," and who was one of the first of his trade to support the Printers' Pension Fund. He entered the industry as a foundry apprentice with Press Printers, Ltd., in Long Acre in 1904, and was retained by the firm as deputy overseer immediately after completing his apprenticeship. He continued to hold this position for some time, until at length he felt a desire for further knowledge and experience. He then transferred his energies to other important establishments (including the St. Clements Press), where he remained for short periods. About the year 1913 there arose a big demand by the Metropolitan newspapers for young journeymen of general and trade house experience, and it was at this time that Mr. Fulcher made the most of the opportunities that came his way. He secured an appointment in the stereotyping department of "Lloyd's News."

His connection with "Lloyd's News" was interrupted by the War, and Mr. Fulcher found himself on active service in France with the Tank Corps. On his return from France he was appointed deputy foundry overseer to Mr. A. Chadwell of the "Daily Chronicle" and the "Sunday News," and upon Mr. Chadwell's appointment as works manager of United Newspapers (1918), Ltd., became chief of the foundry and deputy works manager. He held this position successfully until the merging of the "Daily Chronicle" with the "Daily News." The stopping of the "Daily Chronicle" meant a lot to Mr. Fulcher, as



MR. HARRY FULCHER

it did to a host of others engaged on that famous newspaper. To many it was equivalent to starting life all over again. Soon after the merger Mr. Fulcher joined the foundry staff of the London "Daily Express" in a minor capacity, remaining with this newspaper until January last, when he accepted his present position as deputy to Mr. J. Pepé, the stereo manager of the "Daily Telegraph."

Mr. Fulcher has done a considerable amount of useful work for the Electrotypers and Stereotypers Trade Auxiliary. His first effort on its behalf was as chairman at a concert in aid of its funds in 1913, whilst in 1928 he was a chairman on the occasion of the P.P.C. centenary celebration by the Auxiliary. As a member of the London branch of the National Society of Electrotypers and Stereotypers, he seconded the original proposition known as the "Levy of Honour," which was instrumental in raising over £5,000 for a very worthy cause.

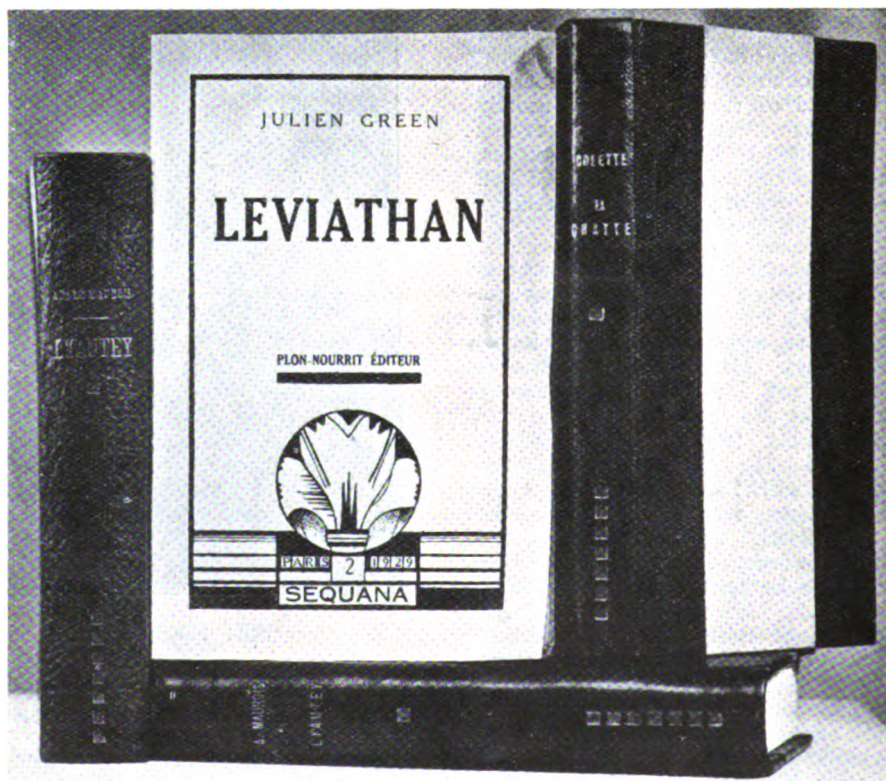
BOOKBINDING

FRENCH BOOK PRODUCTION

A Contrast With English Methods

The difference between English and French practice in bookbinding is very marked. Commercial bookbinding, in fact, as we know it in this country is almost non-existent in France. There, the general run

of the French Book Society. Dealing largely as he does with French publications, Mr. Symonds is naturally interested in this subject of book production, and he holds some interesting and individual opinions.



French Publisher's Bindings in Current Styles

of books is produced with only paper covers. If a book is required to be bound, it is taken to the bookbinder after it has been bought. Only recently in France has a departure been made from this general custom, and the wholesale binding of cheap books been attempted.

Some interesting particulars were given us the other day in conversation with Mr. Vernon Symonds, managing director of Sequana, Ltd., 16, Buckingham Palace Road, S.W.1, which is also the headquarters

of the French Book Society. Dealing largely as he does with French publications, Mr. Symonds is naturally interested in this subject of book production, and he holds some interesting and individual opinions.

Bookbinding in France

The great difference, Mr. Symonds emphasised, between the book-production methods of France and

England arises from the fact that, while French books are made to be sold and read, English books are, for the greater part, made to be sold and lent. It is the circulating libraries, he maintained, that are responsible for the standardised bindings about which a contributor complained in our issue of January 18th; but in all probability, were it not for these libraries, English publishers would follow the example of the Continental book trade, and issue their publications in paper covers.

The French publisher caters for a book-buying public drawn from all classes, and he is compelled to produce his books in the cheapest possible form, with the result that the paper on which they are printed is usually so poor that no sort of a preservative in the way of a binding would be warranted. Limited editions are printed on fine paper for the benefit of collectors, but, until the advent of Sequana (The French Book Society) these too, have been issued in paper covers, so that it has been left to the individual to order a binding to his or her personal taste. Here and there attempts have been made to publish reprints in fancy boards, but the French reading public shows little liking for them, and such collections find no general favour.

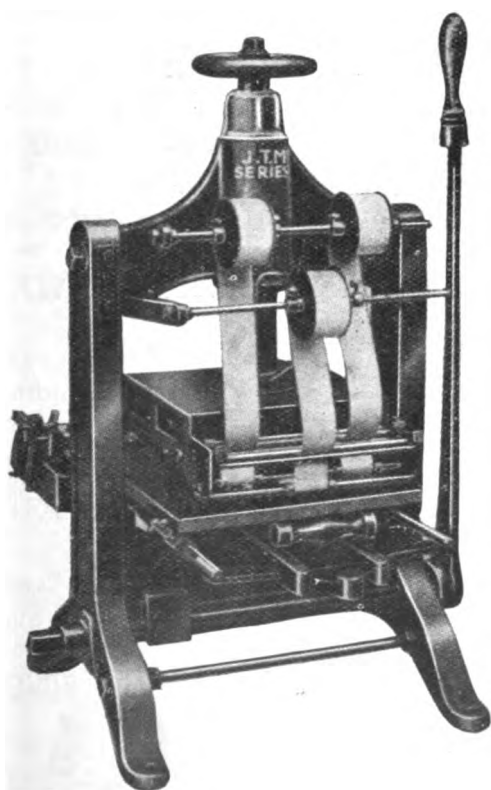
Because of these circumstances, it is the miscellaneous bookbinder who is responsible for the majority of bound books that are to be seen in the bookshop windows and on the shelves in the French home. For the most part he works to his customer's order, and therefore can hardly be blamed for the lack of originality that characterises most of his efforts.

Introducing Publishers' Bindings

The accompanying photograph illustrates a group of books from the only edition of new French works that are issued in the publisher's binding. Sequana, The French Book Society, publishes its monthly selection on special paper, in three styles of binding, in addition to an issue in paper covers. The simple decoration on the spine is unvaried and serves as a trade mark, but each binding is available in at least six interesting colours. These books are sold to the public at the following prices: Paper covers 3s. 9d. (an example is in the centre of the photograph); bound in "imitation leather" (which is, in fact, paper boards), 5s. 4d. (seen on left); quarter roan, with paper sides 7s. 9d. (on the right); and half morocco, with cloth sides 11s. 9d. (lying flat at foot of picture).

Considerable success has attended the efforts of Sequana to persuade the French public to buy ready-bound books. It has only been possible because the Sequana "book of the month" is recognised as a book of merit, worthy of being kept. The Frenchman is still sufficiently cynical to believe that the majority of books published are worthy only of being thrown away.

It is interesting in this connection to remark the change which has taken place in book production in the two countries during the past century. In the time of Dickens, his books were published in this country in paper covers, whereas in France it was customary for editions to be of about 500, and each volume was fully bound and tooled. So the national customs have changed completely round.



J.T.M. Series—

BENCH BLOCKER



This machine is a standard type used in most binderies, and the large head adjustment makes it suitable for the cardboard box and other trades.

The blocking surface is $7\frac{1}{2}$ " x $6\frac{3}{4}$ ", and it may be heated by gas or electricity.

This machine is specially built to facilitate the addition of a ROLL LEAF AUTOFEED ATTACHMENT, or it can be supplied complete with One-draw or Two-draw Roll-leaf Autofeed as illustrated.

Roll-Leaf Autofeeds for all makes of presses can be supplied.

John T. Marshall

36, POWELL STREET, LONDON, E.C.1

CLERKENWELL 5432/3

BOOKBINDERS' OVERSEERS

Visit to London School of Printing

The March meeting of the Printing, Bookbinding and Kindred Trades Overseers Association was held on Tuesday, last week, at the London School of Printing, Stamford Street, by kind permission of the principal, Mr. J. R. Riddell. The occasion was an official visit to the School by the Association.

The proceedings opened with an address from Mr. Riddell, who congratulated the members on the support they had given to technical education. He also remarked on two items on the agenda of the meeting, viz., grants to the Stationers' Company and Printing Industry Technical Board, and the Printing Industry Research Association. At the close of his words of welcome the president, Mr. A. C. Ware, called on the vice-president, Mr. A. M. Taylor, to propose a vote of thanks to Mr. Riddell. This was seconded by the general secretary, Mr. Robert Bryan, and carried with acclamation.

A candidate, Harry Charles Harman, overseer of the leather and cloth case-making department of Messrs. J. Burn and Co., Ltd., Kirby Street, was elected to membership. His proposer, Mr. Edgerton attended, supported by his seconder, Mr. Williams, of the Esher works of Messrs. Burn. The president congratulated Mr. Harman on following in his father's footsteps by joining the Association.

Grants to the Stationers' Company and Printing Industry Technical Board (£5 5s.), and a subscription to the P.I.R.A. (£5 5s.) were agreed to.

Before the close of the business, Mr. J. J. Rawlings, supported by Mr. J. Fleming, announced that he was taking the chair at a concert of the South London Auxiliary Printers' Pension. An interesting and pleasing aspect was that his employer, Mr. J. S. Elias, (Messrs. Odhams) had promised him an additional 5s. to every pound he collected.

At the close of the business the meeting divided into three parties and toured the School, under the conductorship of Messrs. B. J. Sansom, C. H. Gillett and C. H. Mordy.

UNITY IS THE WATCHWORD OF PROGRESS

Printing, Bookbinding & Kindred Trades Overseers' Association

A practical Association for practical men

If you occupy a position of control in the Bookbinding, Warehouse, or Boxmaking section of the trade, you are invited to enquire as to the privileges and benefits attaching to membership of this Association. Founded in 1904, and still growing, this society is accepted throughout the Trade as the representative Association for Managers and Overseers.

For particulars, benefits and conditions of membership, apply to:

MR. ROBERT BRYAN
22, Upney Gardens, Barking, Essex

Annual Dinner Arrangements

Great efforts are being put forward to make the annual dinner of the Association, which is to be held on Saturday, March 24th, at the Holborn Restaurant, an outstanding success. Apart from the high standard of the menu itself, the dinner is to be pleasantly enlivened with music, song and humour from some well-known concert artistes, who include the Western Brothers and Waldron Bamford. Hayden Pearsall's Orchestra is again to perform during the dinner and dancing, whilst an entirely new programme is to be given by Eric Ross's "Dazzle" Cabaret. A matter of importance is that Mr. J. A. Gouldbourne and Mr. W. H. Lyon, stewards, would be pleased to receive intimation from members as early as possible regarding the reservation of seats. Requests have, we understand, been received in encouraging numbers.

IN connection with the interesting fact that the "Kent Messenger" has just entered on its 76th year of continuous publication, it is worthy of note that the paper has been regularly filed and bound at the British Museum since and including its issue of January 1st, 1859.

Miss G. V. Woodman

(MANAGING DIRECTOR)

takes this opportunity
of reminding the
Printing Trade that

FISHER Bookbinding Co. (1912) Ltd.


are specialists
in the binding of
TRADE CATALOGUES
REFERENCE BOOKS
ANNUAL PUBLICATIONS

and are licensees
under the Master
Patent for the new
SPIRAX FLAT OPENING BINDING

ST. ANN'S WORKS,
HERNE HILL, S.E.24
Tel: Tulse Hill 6633 (2 lines)


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C. 4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C. 4. ('Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C. 1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C. 1. Tel. Holborn 0634.

 **"ELLESS" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. 'Phone Number Walthamstow 0211.

UNIVERSAL

FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfield, 25, Lime Street, E.C. 3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E. 1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "LIGHTS-EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. LIGHTAUTO RE-PRESSED FELTS. THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C. 2. Printers in Russian, Polish, Czech-Slovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N. 1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C. 1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPING CO., LTD., Printer Street, London, E.C. 4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypers, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cormil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Telephone: Hop 6604. Telegrams: Expugnator Sedist, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E. 1.

 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. **NEWSPAPER (Speciality) and MAGAZINE ROTARIES.**

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C. 4. Tel.: Cen. 6722/3. 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

World's Smallest Fully Bound Book

SEVEN YEARS TO PRODUCE

From the United States come particulars of the publication of the "smallest" complete book ever printed by letterpress. Considerable difficulties had, of course, to be overcome in the production of the book. It took seven years to make what is claimed to be the smallest printed book in the world. Measuring $\frac{7}{16}$ in. wide by $\frac{7}{16}$ in. deep, the book has twenty-eight pages, is leather-bound, and sewed, and weighs less than one-third of a carat. The text consists of forty-six quatrains of "The Rose Garden of Omar Khayyam," and the book is one-fifth the surface area of the edition of Omar's works produced in 1900 and previously recognised as the smallest full edition in existence.

This tiny book has been prepared at the Commonwealth Press of Worcester, Mass. It was printed from copper plates, which had a printing surface of $\frac{3}{8}$ in. by $\frac{3}{8}$ in. A better idea of the size of the book can be judged from the fact that the area covered by the printing on all twenty-eight pages is less than half the area of an ordinary postage stamp.

Sewing and Binding

The type for the book was set by hand for a "mother book," size 5 in. by 5½ in., two quatrains to a page. The first photographic reduction from this type resulted in a miniature book 1½ in. by 1½ in. with the type format about one-third the original type size. Then followed a series of difficult reductions to bring two stanzas of four lines each to cover an area of $\frac{3}{8}$ in. by $\frac{3}{8}$ in. The printing was done on an ordinary job press after the problems of paper and ink had been overcome.

Sewing a book by hand which has a back only $\frac{7}{16}$ in. high requires the utmost of both skill and patience. The final operation was to finish the book with a full

leather cover, with edges turned. The result has been a triumph in miniature binding as well as printing.

Printing & Binding in S. Africa

End of the Depression

After two years of serious depression we learn from "Economic Conditions in the Union of South Africa," September, 1933, that the Union is now in a satisfactory position. This report is by H.M. Senior Trade Commissioner in the Union of South Africa, and is published by the Department of Overseas Trade (price 2s. 2d. post free).

It gives a concise and authoritative review of all South African industries, including printing and book-binding. Under the heading Books, Printed Matter and Stationery, it is stated that U.K. exports of those goods to the Union have decreased since 1930. In that year the U.K.'s share of that trade amounted to 80.1 per cent. which decreased to 79.3 per cent. in 1931, and 76.5 per cent. in 1932.

Regarding the printing and bookbinding group of industries it is stated that this group is important in value of production and number of employees. It has been heavily protected for a number of years, imports except in a very limited special range have almost ceased, and the industry supplies almost all the country's requirements. It therefore felt the full force of the internal depression and its recovery has been slow. Actually to-day it employs few, if any, more hands than it did in 1925.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38, Cable Street, Liverpool. "DIXO-TYPE" THE ONLY BRITISH MADE **DRY FLONG.** Also Tissue Blotting and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38, Whitefriars Street, London, E.C. 4. 'Phone: Central 3839. "IDEAL" Dry Flong for Hand-casting and "CLEAR-TYPE" Dry Flong for Machine Casting. "PHOTOONE" for Illustrations.

PETERS, W., Ltd., 11, Queen Victoria Street, London, E.C. 4. "SILVERTONE" for cold moulding. **FLONGS** for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E. 1. Tel.: Hop 6004. Telegrams: Expugnator-Sedist, London. Cables: Hloe, London. Complete Lines of Rotary and Flat Stereo and Electro Plants.

STEREOTYPING MACHINERY, ETC.

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. **ROTOPLATE** (Reg. Trade Mark) and **ROTASHAVER** Casting and Finishing Machines.

TINPLATE DECORATG. MACHINES

CRABTREE, R. W., & SONS, LTD., Water Lane, Leeds, makers of the "ENSIGN" Standard and Speedy **TIN PRINTING MACHINES** AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca, Monmouthshire. London Office and Stockrooms, 11-17, Plough Court, Fetter Lane, E.C. 4. Tel. Central 8640. Manufacturers of the well-known hard wearing **RISCATYPE.** All the best known **MONOTYPE** faces in complete founts, including the Gill Sans Family 6pt. to 72pt. It's the metal that counts.

Vellum Binders and Machine Rulers Pension Society

The ninety-first annual meeting of the Vellum Binders and Machine Rulers Pension Society was held at St. Bride Institute on Wednesday of last week, when Mr. A. Tanner, director of R. T. Tanner and Co., presided.

The secretary, Mr. C. J. Osman, having read the notice convening the meeting, was asked to read the minutes of last general meeting, which were duly confirmed on the proposal of Mr. Atkins, seconded by Mr. Aves. Messrs. Scats, Stacey and Blades were elected scrutineers of the ballot for one pensioner for the Society's pension, and one pensioner for the H. F. Parker Special Pension.

The chairman on rising to move the adoption of the report and balance sheet, expressed his great pleasure in being asked to preside at that meeting. He said that on looking over previous records that he had, he found that his brother had presided twenty-three years ago, Mr. F. Garrett sixteen years ago, and himself seven years ago. He was sorry Mr. F. A. Garrett was unable to be with him, but he had been called away very urgently.

Speaking of the Pension Society, he said he would do his utmost in his own firm to get the younger ones to join, and he sincerely hoped that others would follow suit. He knew how difficult it was to make new members. In passing, he would like to say how pleased he was that Mr. T. J. Hunt was still attending these meetings. He was also very pleased to see Mr. Riley, a director of Messrs. Clements Newling, and an auditor, at the meeting. He had much pleasure in moving the adoption of the report and balance sheet. This was ably seconded by Mr. C. W. Atkins and carried.

Votes of Thanks

A very cordial vote of thanks to the hon. trustees, Mr. H. V. Gibbs, Sir A. W. Tyler, J.P., and Mr. A. Tanner, for their services during the year, was proposed by Mr. Keeley, ably seconded by Mr. Jacobs, and carried. A very hearty vote of thanks to the hon. treasurer, Mr. F. A. Garrett, for his valuable services during the year was proposed by Mr. Thompson, seconded by Mr. Gebhardt and carried unanimously. Mr. Aves proposed and Mr. Gray seconded a cordial vote of thanks to the hon. auditors for their services, which was carried. Mr. Riley ably responded and thanked the meeting for their vote of thanks. Mr. Duncan then proposed a hearty vote of thanks to the committee for their valuable services during the year; Mr. Wadley ably seconded that proposition which was carried.

Mr. Atkins, rising on behalf of the committee, expressed his great pleasure that they were able to do something for those who were in need. Mr. Tom Hunt spoke on behalf of the committee in support of Mr. Atkins.

Election of Officers and Pensioners

Mr. J. F. Walker and Mr. Tom Hunt were re-elected to the committee, together with Mr. R. W. Bennett and Mr. Duncan in place of Mr. Jacobs and Mr. W. Hunt, resigned. Mr. Duncan proposed the re-election of Mr. C. J. Osman as secretary, Mr. Aves seconded,

and the motion was duly carried. In reply, Mr. Osman thanked the meeting for electing him again.

The scrutineers having now completed their labours, the chairman announced the result of the ballot as follows: Mrs. S. H. Martin, 276 votes; Mr. F. W. Welch, 263 votes; Mr. W. W. Cheatle, 181 votes; Mr. J. Jacobs, 130 votes and Mr. J. Hunt, 5 votes. Mrs. Martin would receive the Society's Pension, and Mr. Welch the H. F. Parker Special Pension. The Secretary announced that the three unsuccessful candidates would be considered by the committee at their next meeting when a grant might be made to them.

Mr. Aves took the opportunity of proposing a vote of thanks to the hon. auditors of the Unsuccessful Candidates Fund; this was seconded by Mr. Tom Hunt and carried. Mr. J. F. Walker ably responded on behalf of himself and Mr. Pearse.

The secretary said he was pleased to announce that Mr. T. J. Hunt had that evening given him a cheque for £5 as a donation to the Society, which was loudly acclaimed.

Mr. T. J. Hunt, in proposing a vote of thanks to the chairman for his able handling of the meeting, said it gave him great pleasure to meet the chairman at one of these meetings again. Mr. C. W. Atkins ably seconded the proposition of Mr. T. J. Hunt, which upon being put to the meeting, was carried unanimously. The chairman briefly responded, and brought a business-like meeting to a close.

LEATHER BINDINGS

"ACID FREE AND PROTECTED"

REAL NIGERS

in many shades and bright distinctive colours, manufactured in the most modern approved style to resist decay, are obtainable from :—

NICKERSON BROTHERS LTD

99 and 101 Worship Street
LONDON, E.C.2

Phone : Bishopsgate 3453

(Established 1848)

Send for pattern swatch of stock shades, and look for our stamp on every skin.



ALSO MANUFACTURERS OF OTHER CLASSES OF BOOKBINDING LEATHERS

Bookbinders' Costs

Publishers and Stabilisation Rumours

"Some concern has been aroused in publishing circles," says the "Publishers' Circular," "by rumours to the effect that a group of printer-binders and binders are endeavouring to establish a new scheme for the 'stabilisation of binding costs.'"

"A disquieting feature of these reports is the suggestion that something more than persuasion might be exercised in the case of firms who were indisposed to enter into such an arrangement.

"It is obvious that anything of this kind, which would amount to an interference with the freedom of business relations between binders and their customers, would be very seriously regarded by publishers as a body."

£4,750 for Bookbinding

Manchester Corporation Estimates

Manchester and district bookbinders should participate in business to the amount of £4,750 which is budgetted for by the Corporation Libraries Committee for the year 1934-35. Work will be available from about thirty establishments, the principal of which is the Reference Library, whose requirements of book-binding are estimated to cost £500. The average expenditure of the other establishments on book-binding is about £140 per annum. Expenditure on books is computed at £9,350, on newspapers and periodicals £2,600, and printing, stationery and advertising £800.

The Corporation's Finance Committee indents for £6,200 for printing, stationery, office appliances, postage and receipt stamps.

"Mintite" Covered Rollers

Latest Developments

The new method of cleaning "Mintite" covered rollers, which has recently been patented by the maker of the coverings, adds, we are informed, yet another advantage to rollers covered with "Mintite," in that the already long life of the coverings is increased and the method of cleaning is made quick and labour-saving. It is an immersion process—no machinery being necessary.

Mr. Louis Minton, the manufacturer, reports from Manchester that the cleaning method has now been perfected and not only enables "Mintite" covered rollers to be cleaned efficiently and quickly, but also effects a reduction in cost to about one-fourth compared with the hand-cloth method. The process removes, it is claimed, accumulations of ink dried on the coverings; buffing it off is now unnecessary, the rollers reverting to their original condition. Thus one set of rollers will meet all the requirements of each machine.

We are informed that the nap on the surface of the litho. rollers is cleaned and renewed by the process without rubbing or scraping. Roller surfaces damaged by rule cuts or other causes in the case of letterpress, may be rectified by buffing them out; likewise the litho. nap can be reduced or increased as desired. By using the largest-diameter rollers that the machine will take, one can provide sufficient buffing margin for many years of service.

With regard to the cleaning tank, we are informed that little cost is entailed, as the case in which the rollers are received for covering can be used for this purpose; the only requirement is that it be metal-lined.

Any colour can be cleaned off in the tank, by reason of the fact that the shed saponified ink is precipitated to the bottom, thus leaving the upper part of the liquid clean. The liquid can, of course, be used for any of the "Mintite" coverings. As the cleaning liquid is

non-volatile, its cost is low, the same solution has been used constantly for nearly six months.

Amongst the claims made for the "Mintite" coverings are long life, economy and efficiency in use, that they are unaffected by climatic conditions, and do not crack or loosen from stocks; also that they are insoluble in water, and can be used for printing of every description, including water-colour, spirit and bronze.

G. WELLS & CO.,
LIMITED,
PRINTERS' & PUBLISHERS'
ESTD. 1840. **BINDERS.** Phone: HOP 6658, 6659.
LOOSE LEAF
BINDING A SPECIALITY
Send us your enquiries for
LOOSE LEAF
CATALOGUE COVERS.
42 SOUTHWARK STREET
LONDON, S.E.1.

"Better Stationery" Campaign

Stationers and stationer-printers spent an interesting evening at Stationers' Hall last Thursday, when the aims of the British Stationery Council were explained by Mr. F. M. Carson, J.P. The meeting was under the auspices of the London and Home Counties branch of the Stationers' Association and the British Stationery Council. Brig.-Gen. T. M. S. Pitt presided, supported by Messrs. W. Shaw, C. C. Knights, L. Lydall, J. P. MacLaurin, C. J. Thorne, H. W. Holt, G. C. B. Johnston and C. B. Claydon, secretary of the British Stationery Council.

Mr. Shaw introduced General Pitt, and then Mr. Carson explained to the meeting the aims and objects of the "Better Stationery" movement, outlined what the Council had already done, and appealed for greater support and co-operation from the stationery trade.

Educating the Assistant

A long and constructive discussion ensued, in which many suggestions were put forward as to methods the Council might use to get their message over to the public. In the main the speakers stressed the point that the stationers' assistants should be educated to a knowledge of the articles they had to sell and to the ethics of good salesmanship. It was agreed that the present unfortunate conditions were largely due to the apathy of the stationers themselves, who failed to encourage their assistants; and it was in fact stated that the stationer himself often lacked the requisite knowledge concerning paper.

After the discussion, Mr. C. C. Knights addressed the meeting on "Better Stationery for Better Profit." He indicated ways in which the sale of better

stationery could be increased, and proceeded to deal in vigorous and entertaining fashion with the art of salesmanship. Indicating the basic principles of salesmanship, he said that the main fundamental was wrapped up in the phrase, "Everyman is to himself the most interesting man in the world."

Printers Get the Challenge Cup

Gen. Pitt then presented the "Better Stationery" campaign challenge cup to Messrs. Fish & Cook, the North London printers, winners for the second time. Mr. Basil Fish received the cup.

Finally, a most instructive evening was brought to a close with a showing of the Wiggins, Teape film, "The Story of a Sheet of Paper." Mr. G. B. C. Johnston gave a running commentary on the film, which shows the complete paper-making process from reception of the raw materials to the final packing and dispatch of the sheets.

Mr. Shaw proposed a vote of thanks to Gen. Pitt for presiding and to all who had made the meeting so interesting. The motion was cordially carried and Gen. Pitt briefly responded.

Death of Mr. F. W. Goodman

Late Director of Waterlow's

We record with regret the death of Mr. F. W. Goodman, late director of Messrs. Waterlow and Sons, Ltd., and father of the firm's present works director, Mr. V. E. Goodman. Mr. F. W. Goodman was 76 years of age, and had been in ill-health for a few weeks past.

Mr. Goodman joined the firm in 1881, and was appointed a director in 1906, having control of the Town Department at the Great Winchester Street works. He retired in 1931.

The funeral was at the Crematorium, Golders Green, last week. Among the many people attending, in addition to the family mourners were Sir Edgar Waterlow, Bt., chairman of Waterlow and Sons, Ltd., Mr. Russell Palmer, managing director; Mr. T. W. Goldsack, a late director; members of the board with many members of the staff and several customers of the company.

DOMINANT FACTS . . .

OF THE
PERFECT PROCESS BLACK !

- Immediate backing-up
- Minimum risk of set-off
- May be left on machine overnight
- Very easy working
- Extraordinary brilliance and density.

NEOSET



COATES BROS & Co. LTD

ST. BRIDES HOUSE, SALISBURY SQUARE, LONDON, E.C. 4

READERS' PENSION COMMITTEE

ANNUAL MEETING

There was a large attendance of members at the annual meeting of the Readers' Pension Committee, on Saturday, the 3rd instant.

The chair was taken by Mr. W. A. Perkins, who, commenting on the annual report and balance sheet, referred to loss by death of several prominent supporters during the year, including Lord Burnham (a past president), Sir Anthony Hope Hawkins (a vice-president), and Mr. Edgar Harrison (up to a year or two ago a constant guest at the Committee's annual dinners). Although the 1933 dinner, under the chairmanship of Sir Ernest Benn, was not so well supported as some previous ones, the Committee had completed the 37th pension, and had paid into the Printers' Pension Corporation (in connection with which their operations were conducted) a sum of £456 5s. towards the 38th. He appealed for a greater measure of support for the 1934 dinner, which will be held on October 13th, at the Connaught Rooms, and over which Sir Harry Brittain had consented to preside. They were especially anxious to increase the receipts this year, owing to the generous offer made by Mr. J. S. Elias (who is presiding at the annual festival of the Printers' Pension Corporation in November) to add five shillings to every pound they were able to clear. In conclusion, Mr. Perkins appealed to the members to secure all the votes they could to assist the ten candidates entitled to the support of the Committee at the

Printers' Pension Corporation election in April next.

Election of Officers

Major the Hon. J. J. Astor, M.P., was unanimously re-elected president; Mr. W. A. Perkins, chairman; Messrs. E. Alford and H. S. Temple, trustees; and Mr. A. C. Sealey, treasurer. Mr. C. J. Greene having resigned his position as one of the joint hon. secretaries, Mr. C. A. Seeley was elected to the vacancy, Mr. J. Snell (the other secretary) being re-elected to office, as were also the auditors (Messrs. W. F. France and E. Wiggins).

The following were re-elected on the Executive Committee: Messrs. J. H. Bedford (acting hon. collector), F. G. Emery, W. P. Fairbairn, H. C. Golding, E. A. Groves, J. H. C. Hall, S. T. Marshall, and J. A. Moore; while Mr. Wright was chosen to fill a vacancy caused by the resignation of Mr. E. Lattimer.

It was agreed that the name of Mr. P. J. Greene should be associated with pension 38 as an expression of appreciation of Mr. Greene's services as secretary over a period of years.

Votes of thanks were heartily accorded to the Committee of the Association of Correctors of the Press for the use of rooms for meetings, etc.; to Mr. Greene for his past services; and to the chairman (Mr. Perkins).

Publishers' Affairs

Under the compulsory liquidation of Findons, Ltd., publishers of "Play Pictorial" and "Plays and Players," Adam Street, Adelphi, the accounts show liabilities £2,461; assets £341; and an issued capital of £100. The company was registered in February, 1931, to carry on business as proprietors of any newspaper, journal or other publication. The failure was attributed by the directors to inability to obtain fresh capital, but in the opinion of the official receiver the circulation of the company's publications was not sufficiently large to allow the business to be carried on profitably. The goodwill and copyright in the two above-mentioned publications have been sold for £200.

Death of Mr. J. Bamforth

Mr. John Bamforth, who had been associated with printing and newspaper production for sixty-nine years, has died at St. Albans at the age of 84. He was senior director of Messrs. Gibbs and Bamforth, Ltd., general printers, of St. Albans, and senior partner in the proprietorship of the "Herts Advertiser and St. Albans Times" and of the "Luton News" chain of newspapers, as well as a director of Messrs. Gibbs and Bamforth (Watford), Ltd., owners of the "West Herts Post." He continued until about a fortnight before his death to attend at his office daily.

Printers' Football Results

The following are the results of matches played on Saturday (10th):—

Bowaters	3 v. London School of Ptg. 3
Henry Good	4 v. Crowther & Goodman 1
Haycock Press	4 v. Cornwall Press
Waterlows	0 v. Cannon House
Oyez	4 v. King's Printers

'PHONE HOL. 0527

for

SKILLED CRAFTSMEN
(N.S.)

READERS — COMPOSITORS — LINO,
MONO AND INTERTYPE OPERA-
TORS — MACHINE MINDERS (LITHO
AND LETTERPRESS) — LAYERS-ON —
WAREHOUSEMEN AND CUTTERS —
GOLD BLOCKERS

**THE PRINTERS' PROVIDENT
ASSOCIATION**

21 CHARTERHOUSE ST., LONDON, E.C.1

PRINTING TRADES ALLIANCE

Annual Dinner Concludes Successful Year

At the Cannon Street Station Hotel on Saturday, the annual dinner of the Printing Trades Alliance brought together some three hundred people, including both employers and employees, and the genial spirit which prevailed spoke well for the maintenance of P.T.A. traditions.

The P.T.A. has a joint presidency which is vested in an employer-member and an employee-member, the latter this year being Mr. H. A. Goodson, who took the chair on Saturday. Beside him was Col. David Carnegie, C.B.E., F.R.S.E., M.Inst.C.E., the guest of honour, and others at the principal table included Messrs. Fred. Mason, senior vice-president, L.M.P.A., D. Parlabeau, J. C. Hampton, F. J. Holroyde, R. J. Nunn, L. G. Richards, and W. W. Cant, the secretary.

Peace in Industry

An excellent dinner was followed by the loyal toast, after which Mr. R. J. Nunn proposed "Industrial Peace and the Printing Trades Alliance," coupling with it the name of Col. David Carnegie and also welcoming the visitors. Mr. Nunn said they had to be thankful that they had had peace in their industry during the past year. (Hear, hear.) As he saw it the way to preserve peace was for the employers and employees to try to understand each other: to remember that each was trying with the assistance of the other to earn a living. Unity of action was the way to prosperity. He was proud to be a member of the Alliance. It had been built on peace and had progressed at a pace beyond all their dreams. The past year had been a wonderful tonic to the Alliance, the management committee, and their worthy secretary. The policy of caution they had adopted had been amply justified. They had had the lowest unemployment figures for many years, the greatest number of calls for labour, and the largest excess of income over expenditure since before the depression. (Applause.)

Mr. Nunn proceeded to welcome Col. Carnegie, saying they had all heard of his work in the British League of Nations Union, and his work for the reduction of armaments. Mr. Nunn also made personal reference to Mr. Fred. Mason, and expressed regret at the absence of Mr. T. F. Howard, M.P.

Problems of Modern Industry

In responding, Col. Carnegie said he was honoured to be there, sharing their prosperity. He laid no claim to any practical knowledge of the printing trade, but he did claim a knowledge of harmonious relations between employer and employee. He had come to the conclusion that their Alliance must be the fulfilment of the dreams of social and industrial reformers. It seemed to incorporate all the virtues of the labour unions, employers' associations, unemployment exchange, Whitley Councils, and health, unemployment and old age insurance schemes. It was a fact that the "Daily Telegraph" was right when it said something like this: That there would be more hope for peace in the industrial world if all engaged in it followed the sane and commonsense policy of the P.T.A. (Hear, hear.)

Continuing, Col. Carnegie referred to some of his experiences in connection with labour co-partnership. What was wrong with industry? he asked. They were in a machine age. The development of the machine was all to the good, but there had not been a corresponding adjustment of labour. Thus they had the huge unemployment problem to-day, and conflict between employers and employees. The secret of their Alliance was that it said it was not going to fight. They had discovered that the voluntary principle of arbitration was not sufficient. They had put into practice a compulsory system, and had agreed to settle by arbitration any dispute they could not settle round their table. He did not discount the labour unions. They had had to fight every inch of the way, and had done their useful work. But the Alliance had come to a place where they were learning a better way.

Col. Carnegie went on to speak impressively of the League of Nations, drawing a comparison with the Printing Trades Alliance. Concluding, he wished them continued success. (Loud applause.)

Mr. J. C. Hampton felicitously proposed "The Secretary and the Staff," saying that without such a secretary as Mr. Cant and his staff they could not have reached the position they had attained.

The secretary, replying on behalf of himself and his staff, cast his mind back sixteen years when the Alliance was founded, and said that for himself if he had assisted in the success of the Alliance he felt he was repaid. (Applause.)

"The Chairman"

The toast of "The Chairman," was proposed by Mr. L. G. Richards. He spoke of the loyal and good work of Mr. Goodson, and said that in him, he thought, they had one who did not require anything in the way of public back-patting. The ideal chairman should have an abundance of kindness, an abundance of patience, and a super-abundance of goodwill. He could pay no finer tribute to their chairman than to say he had fulfilled those qualifications.

The toast was received with musical honours, and Mr. Goodson on briefly replying was greeted with cheers.

Music during dinner was provided by Ernest Rutterford's orchestra. After the speech-making, a concert was given by Miss Janet Miles (contralto), Miss Julie John (comedienne), and Mr. Eric Mason ("The New Commercial Traveller"). Ernest Rutterford's orchestra also played for dancing which continued till midnight.

LONGER LIFE—SHARPER IMPRESSIONS

GESTITE
GRAPHIC
ROLLERS

GESTITE ROLLERS, LTD.
FAWLEY ROAD, TOTTENHAM, LONDON, N17
TELEPHONE: TOTT 2204

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 22s. 10½d., 23s., 6½ p.c. 1st pref. 25s., 25s. 4½d., 8 p.c. pref. 25s. 1½d., 25s. 6d.; Amalgamated Press (10s.) 22s., 21s. 9d., 7 p.c. pref. 26s. 9d., 26s. 3d., 4½ p.c. 1st deb. 102½, 103; Argus Press Holdings 38s., 40s., pref. 25s.; Associated Newspapers def. (5s.) 23s. 3d., 23s. 6d., 5 p.c. pref. 23s. 6d., 22s. 10½d.; British Glues and Chemicals (4s.) 4s. 3½d., 4s. 5d., 8 p.c. pref. 24s. 3d.; Buff Book 26s., defd. (1s.) 1s. 3d., 1s. 6d.; Cassell and Co. (Holdings) 7½ p.c. pref. 22s. 9d.; Country Life 5½ p.c. pref. 19s. 6d.; Daily Mirror Newspapers 5 p.c. 1st deb. 106½; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 104½; T. De La Rue 18s., 17s. 6d.; J. Dickinson 47s. 9d., 47s. 3d.; Financial Times 7 p.c. pref. 18s. 9d., 19s.; Greyfriars Press (4s.) 5s. 1½d.; Hutchinson and Co. 1st pref. 16s.; Illustrated Newspapers 8s., 7s. 3d., 7 p.c. pref. 19s. 6d., 20s. 3d., 6 p.c. deb. 99½; Industrial Newspapers 1st pref. 9s. 3d.; Kelly's Directories 56s. 9d., 6 p.c. pref. 27s. 3d., 7½ p.c. pref. 29s. 10½d., 5 p.c. deb. 107; Lamson Paragon 25s., 10 p.c. pref. 30s. 7½d.; Linotype and Machinery 4½ p.c. A deb. 91, 4½ p.c. B deb. 91; London Express Newspaper 39s. 6d.; Monotype Corporation 34s.; George Newnes (10s.) 28s., 5 p.c. 1st pref. 22s., 7 p.c. 2nd pref. (10s.) 12s. 10½d.; Odhams Press (4s.) 11s. 6d., 11s. 10½d., 6 p.c. pref. 23s. 6d., 23s. 7½d., 6½ p.c. A pref. 24s. 3d., 5 p.c. deb. 104, 103½; C. A. Pearson 5½ p.c. pref. 21s.; Sunday Pictorial Newspapers 45s. 9d., 46s. 6d., 8 p.c. pref. 29s. 1½d., 29s. 1½d. x.d.; R. Tuck 5½ p.c. pref. (£5) 95s.; United Newspapers 7½ p.c. pref. 3s. 9d.; Waterlow and Sons defd. 20s. 1½d., 20s. 3d., 6½ p.c. pref. 25s. 3d., 4 p.c. pref. 19s. 6d.; Weldons 6 p.c. pref. 18s.; Winterbottom Book Cloth 45s. 9d., 44s. 4½d.

Dividends and Reports

LAMSON PARAGON SUPPLY Co.—Profits for year ended January 31st amounted to £73,760 (against £71,115 for 1932-33), to which has been added £28,737 brought forward, making £102,497. After providing for preference dividend, directors propose to transfer £10,000 to general reserve (the same) and to pay dividend of 7 per cent. on the ordinary shares (the same). "Carry-forward" of £28,497 (against £28,737). Report states that the difficulties of the foreign companies continue, and until some change takes place in economic conditions abroad the prospects and values of those companies must remain uncertain. Since the date of the accounts, all the shareholders in the associated company, Caribonum, Limited, have agreed to sell their shares to Caribonum Trust, Limited.

S P I C E R S

LTD.

FOR
DRY FLONG
AND
STEREO
MATERIALS

The consideration payable to the Lamson Paragon Company for its holding is £135,704 in cash and £313,791 in ordinary shares in Caribonum Trust, Limited.

HUGH STEVENSON AND SONS.—These London cardboard box makers report that after providing for depreciation, debenture interest, and income tax, available balance was £23,127, and £17,371 was brought forward; dividend 6d. per share (less tax) on preferred ordinary shares, £8,437; carried forward £32,061. The report states that in view of the further considerable expenditure on capital account, to which the company is committed, and further requirements to cope with the increasing business, the directors consider it inadvisable to recommend a dividend at a higher rate than in recent years.

New Companies

HENRY GASKARTH, LTD.—Capital £3,000, in £1 shares (1,000 5 per cent. cumulative preference and 2,000 ordinary); to acquire the business of a printer carried on at 11, Sunbridge Road, Bradford, as Henry Gaskarth. Private company. Directors: Nathan Jackson, Walter Coble and Edmund Hough. Registered office: 9, Aldermanbury, Bradford.

J. THOS. FORD, LTD.—Capital £1,500, in £1 shares; letterpress and lithographic printers and bookbinders carried on by the executors of the late J. T. Ford, at 131, High Street, Stourbridge, as "J. Thos. Ford." Private company. Directors: Mrs. Mary E. Reading, Charles Ford, Alfred W. J. Reading, Jessie A. Ford and Francis W. Parker. Solicitor: Frank P. Evers, 118, High Street, Stourbridge.

PIKE, STONE AND SAUNDERS, LTD.—Capital £1,000, in £1 shares; to acquire (1) the business of a wholesale printer and stationer carried on by George E. J. Pike, at 35, Hatherley Road, Bishopston, Bristol, and (2) the similar business carried on by Alfred E. Stone, at 33, Melton Crescent, Horfield, Bristol. Private company. Directors: George E. J. Pike, Alfred E. Stone and Albert J. Saunders. Solicitor: A. Taylor, 16, Baldwin Street, Bristol.

B.W.L., LTD.—Capital £550, in 10s. shares; to acquire all the rights and goodwill of Benn Levy, Ltd., and to carry on the business of printers, publishers, etc. Private company. Directors: Octavius G. Levy and Mrs. Nanie Levy. Registered office: 10, Coleman Street, E.C.2.

W. A. GILBERTSON AND CO., LTD.—Capital £500, in £1 shares; general printer and stationer carried on by William P. Saville, at 69, Rice Lane, Walton, Liverpool, as "W. A. Gilbertson and Co." Private company. Directors: William P. Saville, Arthur J. Gorton and Hector Newetson. Registered office: 69, Rice Lane, Liverpool, 9.

STILLINGS (MAPS), LTD.—Capital £500, in £1 shares; printers and lithographers, etc. Private company. Directors: Alfred Smith, Robert S. Stansfield and Joseph W. Ellis. Solicitor: J. L. Windle, 9, Market Street, Bradford.

TRAFALGAR FANCY BOX CO., LTD.—Capital £1,000, in £1 shares; to acquire the business of plain and fancy box manufacturers carried on by H. Laxton and L. C. Laxton, at 16, Trafalgar Road, E.8. Private company. Permanent directors: Henry Laxton (67, Brookdale, New Southgate, N.11) and Leonard C. Laxton.

VARIETY PUBLICATIONS, LTD.—Capital £100, in £1 shares; publishers, proprietors, editors and retailers of periodicals, books and works dealing with theatrical, variety, cinema and other entertainment subjects, etc. Private company. First directors: John Southern and Peter Burnup. Solicitors: R. Hamilton Twyford and Co., 4, Regent Street, S.W.1.

COLORA PRINTING INKS, LTD.—Capital £200, in £1 shares; manufacturers of and dealers in printing and other inks, chemical substances and materials, etc. Private company. Subscribers: Wm. P. Guillet and Herbert R. Ashley. Solicitors: W. P. Guillet and Co., 55, Berners Street, W.1.

Increases of Capital

DAVY GRAVURE, LTD. (printers, etc., 60, Frith Street, Soho Square, W.1).—The nominal capital has been increased by the addition of £8,000 in £1 ordinary shares beyond the registered capital of £10,000.

D. SMITH AND SONS (1924), LTD. (card-board box manufacturers, etc., 97, Lea Bridge Road, Leyton, E.10).—The nominal capital has been increased by the addition of £35,000 beyond the registered capital of £100,000. The additional capital is divided into 100,000 6 per cent. cumulative redeemable preference shares of 5s. and 200,000 ordinary shares of 1s.

COMMERCIAL FLORIST, LTD. (publishers, etc., 49, Wellington Street, Strand, W.C.2).—The nominal capital has been increased by the addition of £900 in £1 ordinary shares beyond the registered capital of £100.

Mortgages and Charges

CLOISTER PRESS, LTD. (Parrs Wood Lane, Heaton Mersey, near Manchester).—Debenture, charged on deeds and documents relating to premises at Heaton Norris, Cheshire, and the company's undertaking and other property, present and future, including uncalled capital, dated February 23rd, 1934, to secure all moneys due or to become due from the company to Lloyds Bank Ltd.

HERTFORDSHIRE NEWSPAPERS, LTD. (5, Alexandra Road, Hemel Hempstead).—

Comps LTD.

**LINOTYPERS
TO THE TRADE**

**LET US
QUOTE**

The extra efficiency we are able to give you, an ever-ready **DAY and NIGHT SERVICE**, and in cases of urgency, **EXPRESS MOTOR DELIVERY**, is worth at least something. And our price, by the time the job is finished, has been proved to be the **CHEAPEST in the Trade.**

Some of our type faces:

14pt. Cheltenham Wide with Cheltenham Bold.

12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).

12pt. Kennerley and Italic.

12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.

12pt. Modern with Doric and Italic.

11pt. Scotch and Italic. 10pt. and 8pt. Cheltenham Wide and Italic.

10pt. and 8pt. Book-print and Cloister Bold.

10pt. and 8pt. Garamond and Italic.

10pt. Modern and Italic.

10pt., 8pt. and 6pt. Old Styles with Doric and Italic.

9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

Debenture, dated February 1st, 1934, to secure £100 and all further sums hereafter advanced, charged on the company's undertaking and property, present and future, including uncalled capital (if any). Holder: E. Needham, Hainault, East Street, Hemel Hempstead, Herts.

L. C. BAYLY, LTD. (printers, etc., 124a, Manor Road, Wallington).—Mortgage debenture dated February 26th, 1934, to secure £500, charged on the company's undertaking and property, including uncalled capital. Holders: Mrs. M. Bayly, 81, Boundary Road, Wallington, Surrey, and others.

THOMAS LEACH, LTD. (printers and stationers, etc., 4, Bath Street, Abingdon).—Mortgage on lands in Oxford Road, Abingdon, Berks, dated May 21st, 1927, to secure £240, and further advances amounting therewith to £1,140 and all other money due or to become due from the company to the Sheerness and Gillingham Permanent Building Society, Sheerness. (Registered February 28th, 1934, by permission of the Court.)

BRIGHTON HERALD, LTD. (Pavilion Buildings, Brighton).—Particulars filed on March 2nd, 1934, by permission of the Court, of £3,600 debentures authorised March 15th, 1933, charged on the company's undertaking and property, present and future, the whole amount being now issued.

HENDERSON AND SPALDING, LTD. (stationers, etc., 17, Sylvan Grove, Old Kent Road, S.E.).—Debenture dated February 28th, 1934, to secure £15,000, charged on the company's undertaking and property, present and future, including uncalled capital, but excluding 22, Barrett Street, Marylebone. Holders: Westminster Bank, Ltd.

HENDERSON AND SPALDING, LTD.—Satisfaction (1) to the extent of £1,250 on March 1st, 1934, of equitable further charge dated November 21st, 1912, and registered December 10th, 1912 (2) in full on same date of debentures authorised April 3rd, 1914, and registered April 8th, 1914, securing £15,000, and (3) to the extent of £1,350 on same date of Land Registry charge dated December 4th, 1920, and registered December 10th, 1920.

Receivers Appointed or Released

CREPE PAPER MANUFACTURING CO., LTD. (491, Liverpool Road, N.7).—Sydney E. Smith, of 4, Broad Street Place, E.C.2, ceased to act as receiver on February 27th, 1934.

PEROPHONE, LTD. (music publishers, dealers in gramophone records, etc., 76/8, City Road, E.C.1).—E. J. Webber, of 64, Gresham Street, E.C.2, ceased to act as receiver and/or manager on February 26th, 1934.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour **BLOCKS**. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

BUSINESSES

GENUINE Jobbing Printing Business; practical man's ideal; good-class work; modern plant; sacrifice; £550.—Box 16171.

PRINTING and Stationery. Old established Business for Sale; owner retiring. Low rent, electric light throughout; only Printer in District. Reasonable ingoing for Plant and Stock.—Caxton House, Ashburton, S. Devon. 16189

MACHINERY AND PLANT

BARGAINS. Furnival Double Demy Wharfedale, seen running, £65; Furnival Self-Clamp Guillotine, 32in., £55, spare knife; Foolscap Folio Arab, £30; Roller Galley Press, £6; Thompson Perforating Machine, Treadle, 4-Section, £8 10s.; Massive Relief Stamping Press, £4; 200 Label Cutters; 700 Bookbinders's Hand Finishing Tools. Space wanted for automatics.—Carter, 13, Green Lane, Derby. 16199

FOR SALE.—Rotaprint Machine, Foolscap Folio, Motor Drive, 75 Plates and accessories. Perfect condition.—J. and H. Bell, Ltd., Carlton Street, Nottingham. 16191

MANN'S 64in. x 44in. Direct Rotary **LITHO MACHINE**, individual drive, in very good condition, £100.—Chorley and Pickersgill, Ltd., Cookridge Street, Leeds, 2. 15918

SMALL Printing Plant (City) for sale, £125. Vendor will feed with orders.—Box 16195.

TYPOGRAPH Composing Machine, Model A, first-class condition. Moderate price.—Box 16178.

TYPE, ETC.

TYPE, Borders, small jobbing founts, some new.—Morris, 39, Gladstone Street, Scarborough. 16188

MISCELLANEOUS

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hardwearing **RISCATYPE**. 15732

INSERT

YOUR

ADVERT.

IN

THIS

WEEKLY

SALES

SERVICE

COST

6d.

PER LINE

MINIMUM

2 LINES

BOX No.

SIXPENCE

EXTRA

WANTED

BUSINESS

PRINTING BUSINESS, letterpress, required in London. Plant and premises capable of handling £10,000 per annum.—Brief particulars in confidence to Box 16196.

SITUATIONS WANTED

BINDER and **FINISHER**, Young man, seeks situation. Account, letterpress, General, extra and art binding and finishing.—A. H., 65, Edgecumbe Street, Hull, Yorks. 16184

COMP. (25), N.S., keen man, all jobb. and News, modern display; relieve Lino. S.W. London pref.—c/o Gransby, 15, Whittings Road, Barnet, Herts. 16187

GUILLOTINE and Warehouse Hand seeks situation. Any class of work or machine.—Box 16170.

LITHO MACHINE MAN (young), good experience both press and machine, Offset.—Box 16180.

MANAGER or Working Overseer (N.S.), entire control small works; 15 years' exp. similar capacity. Ex. refs. Lond. or Subs.—Box 16198.

MINDER seeks situation. Two-revolutions and Wharfedale.—R., 18, Grenfell Road, Mitcham, Surrey. 16156

PRINTER (Young), thorough practical and administrative experience, seeks situation, excellent references.—Box 16200.

THE PRINTERS' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to **SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR** for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

TO Printers desiring to increase their turnover and secure the services of a practical and efficient representative with good paying connection.—Write for interview: F. I., Box 16197.

WHITE Paper Warehouseman seeks sit.—G. Sheridan, 15, Nelson Avenue, Tonbridge. 16163

YOUNG Man requires situation Machine Minder Improver. Recently served 7 years' apprenticeship. Excellent references, L.S.P.—H. Myson, 3, Topfield Cottages, Hornsey, N.8. 16183

Replies to Box Nos. to be addressed to the "British and Colonial Printer," 58, Shoe Lane, London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION FOR SPEEDY RESULTS

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

143, Fleet Street
LONDON, E.C.4

DATE BLOCKS

"OXFORD"
Series of

DATE BLOCKS
WIDDOWSON & Co.,
LEICESTER.

ENGRAVERS

EMBOSSING BLOCKS & STEEL DIES

FOR ALL PURPOSES

MINTON & CASEY LONDON

ARTISTS ENGRAVERS DIE-SINKERS LTD

FOR

BOOKBINDERS XMAS CARD M^{rs} STATIONERS GOLD BLOCKERS

1 Clerkenwell R^o London E.C.1

ESTABLISHED 1887

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHY -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone
CENTRAL 2231-2

H.E.W. JOHNSON LTD

METANA HOUSE HIND COURT FLEET ST LONDON E.C.4

IMITATION BOOK CLOTHS

**GARWOOD &
MUDDIMAN
LTD.**

FIBRETTE & CLOTHETTE
CHEAPEST STRONGEST BEST

WRITE
for
SAMPLES

40 SOUTH LAMBETH RD
LONDON, S.W.8

Telephone: Reliance 2922

Telegrams - Vindico Claproad London

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

"Chronicle" House, 72-78, Fleet St.
London, E.C.4

Telephone: Central 6678

Telegrams: "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

LAW FOR PRINTERS AND PUBLISHERS

PRICE 17/6 (Postage Extra)

An extremely useful book of
reference. Should be in the hands
of all **MASTER PRINTERS**

BOOK DEPT. STONHILL & GILLIS LTD.
58, Shoe Lane, London, E.C.4

OUR TELEGRAPHIC ADDRESS IS

METALS

FOR 70 YEARS WE HAVE MADE PRINTING

METALS

WE DEAL EXCLUSIVELY WITH

METALS

SEND US YOUR ENQUIRIES FOR

METALS

WE GUARANTEE SATISFACTION

T. G. & J. JUBB, LIMITED
JACK LANE, HUNSLET,
LEEDS

The Winterbottom Book Cloth Co., Ltd.



Registered Office :

12, Newton St., Manchester

London Office :

60, Wilson St., Finsbury, E.C.2

Manufacturers of—

Bookbinders' Cloth, Label Cloth

Morocco Cloth, Buckram, etc.

Telegraphic Addresses :—"FLOVAL, MANCHESTER"—"FLOVAL, FINSQUARE, LONDON."

Telephone :—MANCHESTER : "CITY 4644"—LONDON : "BISHOPSGATE 7518 and 7519"

PROCESS BUY  **BRITISH** **COPPER**

PERIODICAL ROOM
GENERAL LIBRARY
UNIV. OF MICH.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES

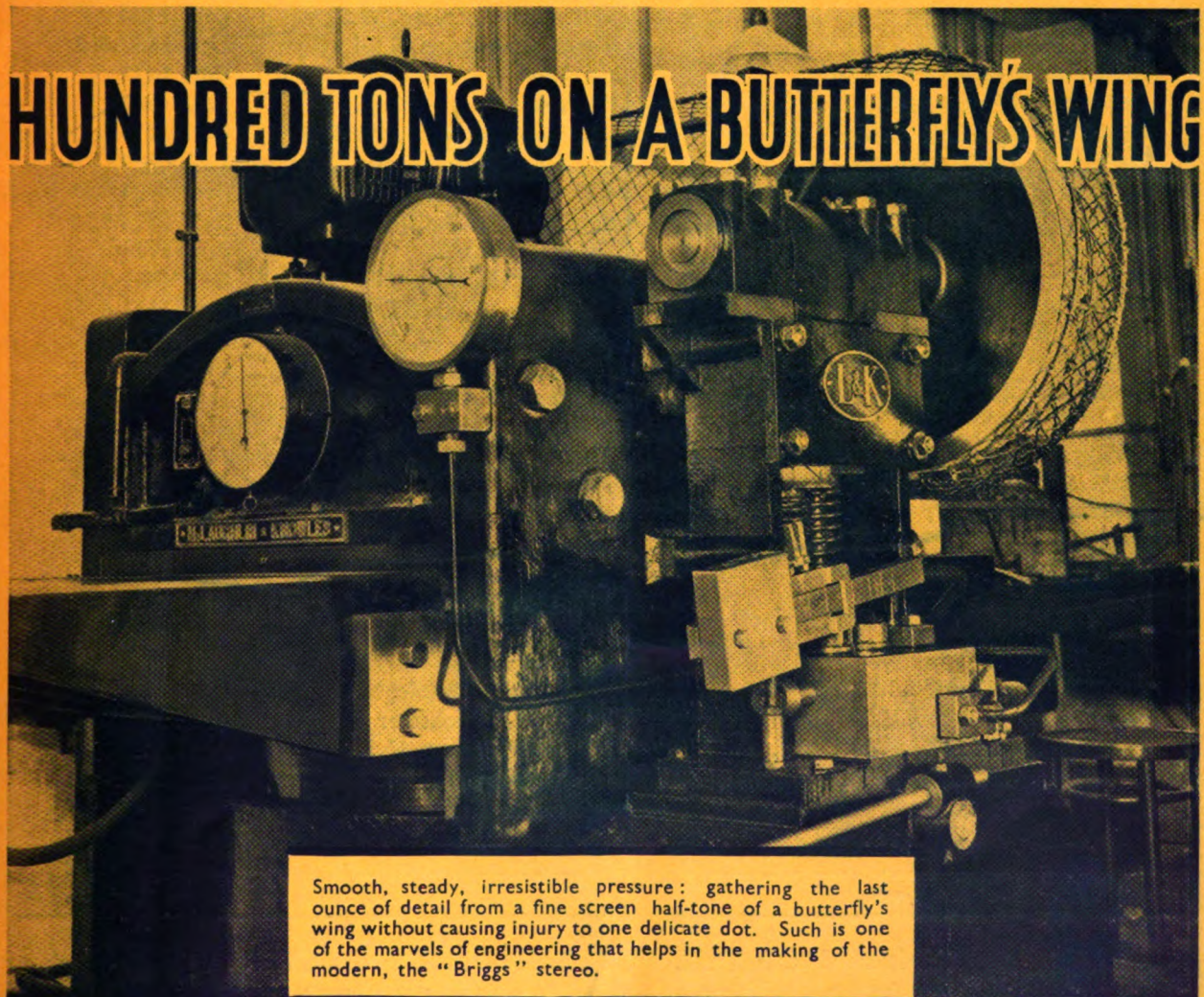
FOUNDED 1878

VOLUME 114
NEW SERIES No. 282

LONDON: March 22, 1934

EVERY THURSDAY
PRICE THREEPENCE

HUNDRED TONS ON A BUTTERFLY'S WING



Smooth, steady, irresistible pressure: gathering the last ounce of detail from a fine screen half-tone of a butterfly's wing without causing injury to one delicate dot. Such is one of the marvels of engineering that helps in the making of the modern, the "Briggs" stereo.

BRIGGS ENGRAVERS & STEREOTYPERS
TUDOR HOUSE · CHICHESTER RENTS · CHANCERY LANE · W.C.2 · PHONE · HOLB 3144 · 8

FOR PRINTING METALS 'Phone **FRY'S** - Mitcham 4023

PROCESS ENGRAVING SERVICE

LONDON

Name	Address	'Phone
ALEXANDER, GEORGE & CO., LTD.	39-40 Shoe Lane, E.C.4	Cen. 5801-2
ART REPRODUCTION CO., LTD.	3 & 4 Plough Court, E.C.4	Cen. 5555
AVERYS SERVICES, LTD.	37-41 Lower Marsh, S.E.1	Hop. 4027-9
BRIGGS, W. G., & CO., LTD.	Chichester Rents, W.C.2	Hol. 3144
BURLINGTON ENGRAVING CO., LTD.	318-326 Goswell Road, E.C.1	Cle. 7824
CHILDS, DAVID, LTD.	5 Great New Street, E.C.4	Cit. 3049
DALZIEL FOUNDRY, LTD.	19-31 Earl Street, Finsbury, E.C.2	Bis. 6742
DELLAGANA, B., & CO., LTD.	11 Shoe Lane, E.C.4	Cen. 2736
DIRECT PHOTO ENGRAVING CO., LTD.	38 Farringdon Street, E.C.4	Cen. 6886-1086
ELVIN ENGRAVING CO., LTD.	44 Gerrard Street, W.1	Ger. 2141
GARRATT & ATKINSON	Warwick Works, Ealing, W.5	Eal. 1760
GEE & WATSON, LTD.	111 Shoe Lane, London, E.C.4	City 7257-8-9
GROUT ENGRAVING CO., LTD.	4-7 Red Lion Court, E.C.4	Cen. 6421
HUDSON & KEARNS, LTD.	Hatfield Street Works, S.E.1	Hop 4900
KNIGHTON & CUTTS, LTD.	Denman Place, Piccadilly, W.1	Ger. 5231
MARSHALL ENGRAVING CO.	12 & 14 Farringdon Avenue, E.C.4	Cen. 4626
MURRAY & EADE, LTD.	40-1-2 Kirby St., Hatton Garden, E.C.1	Hol. 6421
NAPIER, F. C., & CO., LTD.	11 Baldwin's Place, E.C.1	Hol. 7711
NICKELOID ELECTROTYPE CO., LTD.	Printer Street, E.C.4	Cen. 9791
PRACTICAL ETCHING SERVICE LTD.	53-6 Great Sutton Street, E.C.1	Cle. 4861-2
RUMPH & WAITE, LTD.,	26-28 St. Bride Street, E.C.4	Cen. 3533-4
SEDGWICK, W. F., LTD.	7 Great New Street, E.C.4	Cen. 1756-8
STAR ILLUSTRATION WORKS, LTD.	D'Arblay Street, W.1	Ger. 3033
STRAND ENGRAVING CO., LTD.	83 Long Acre, W.C.2	Tem. 6311
SUN ENGRAVING COY., LTD.	Milford House, Milford Lane, W.C.2	Tem. 8251
SWAIN, JOHN, & SON, LTD.	89-92 Shoe Lane, E.C.4	Cen. 9333
VAUS & CRAMPTON, LTD.	31 Kirby Street, E.C.1	Hol. 2536
VITTY & SEABORNE, LTD.	132-5 Long Acre, W.C.2	Tem. 6389
WALTON JONES & GREEN	12 Crane Court, Fleet Street, E.C.4	Cen. 8571
WATERLOW & SONS, LTD.	26 Great Winchester Street, E.C.2	Lon. 4008
WEST END ENGRAVING CO., LTD.	17 St. Anne's Court, W.1	Ger. 0655

PROVINCIAL

"ACE" ENGRAVERS, LTD.	65 Livery Street, Birmingham	Cen. 2072
DELLAGANA, B. & CO., LTD.	62 Greengate, Manchester	Bl'friars 5263
ENTWISTLE, THORPE & CO., LTD.	29-31 King St., West, Manchester	Bl'friars 5704-5
GILCHRIST BROS. LTD.	Claypit Lane, Leeds	Leeds 20463
HAMEL, E., & CO.	25 Palmerston Street, Nottingham	Nott'm 41547
NORTON, BURMAN, & CO.	7 Boar Lane, Leeds	Leeds 24447
THE BRITISH PHOTO ENGRAVING CO., LTD.	18 Hertford Street, Coventry	Coventry 4088

MEMBERS OF THE FEDERATION OF MASTER
PROCESS ENGRAVERS CAN BE RELIED
UPON FOR EFFICIENT SERVICE FOR
ILLUSTRATION OF EVERY DESCRIPTION.

THE BRITISH AND COLONIAL PRINTER AND STATIONER

REGISTERED AT THE GENERAL POST OFFICE AS A NEWSPAPER

A WEEKLY NEWSPAPER FOR THE PRINTING AND ALLIED TRADES. FOUNDED 1878

Published by STONHILL & GILLIS, LTD., 58, Shoe Lane, London, E.C.4

Telephone: HOLBORN 2439

VOLUME 114
NEW SERIES No. 282

LONDON: March 22, 1934

EVERY THURSDAY
PRICE THREEPENCE

The World of Print To-day

TYPE-FACE does seem to matter a great deal at times, though in between it is the habit of many printers to think that there is not much difference between one type-face and another.

* * *

Importance of Type-face

It is too commonly left to the compositor to use whatever face or size of type he thinks fit, and in those cases it is not so much a matter of fitness for purpose as of faces available. It is easy to ignore the essential character of type-face, even where there is a good knowledge of typography; and of course where there is no knowledge we can scarcely expect appreciation, though we sometimes get it. One of the best object lessons in type character is provided in a search for some face with a particular feature. Conjure up in the mind, for instance, a pure roman style, and then look for it. It will then be realised more thoroughly than ever before what great variation there is in letter formation. Or, proceed to set examples of a page, say, for a monthly technical journal, in several faces of type, showing two or three sizes and variations in solid and leaded setting. Then it will be seen how greatly the looks of a publication are influenced by the choice of type and its treatment at the hands of the layout man.

Type and Paper

WITHOUT commenting upon any other factors implied in the demonstration, we consider that the recent exposition of book type-faces on coated and uncoated papers in the "Monotype Recorder" came at a timely moment to remind printers that after all there is a definite relationship between type and paper. Some faces are devised to be especially suitable for smooth papers, and others for semi-smooth, matt or even rough-surfaced papers. When they are used rightly they behave rightly, and when they are used wrongly they fail to look their best and may even look entirely unsuitable. The optical influence of unsuitable type-faces is perhaps even more serious than mere looks, and what damage there has been done to the community by attenuated type-faces of under-sized dimensions on highly polished coated art paper can never be measured. Every now and then, first in America and then over here, we have either Governmental, scholastic or literary commissions appointed to investigate the problems of illegibility of modern printed matter. Their findings are much appreciated by those who are closely concerned or deeply interested in such matters, but to the great majority they have no appeal. The thing that is lacking is an intelligent understanding of printing

ON OTHER PAGES

	PAGE
Personalia	282
Y.M.P.s at High Leigh—	
Another Home Counties Success ...	284
S.-W. London Printers ...	286
Death of Mr. W. John Stonhill ...	288
Views on Technical Education—	
Schools Principals Speak ...	290
Printing Crafts Guild Lecture—	
"The King's English" ...	293
S.-E. London Master Printers ...	294
The N.A.Y.M.E.—	
Young Engravers Organise ...	298
Believe It ...!	
Curious Facts in Photo-Engraving ...	300
Three-Colour Work—	
Mr. A. J. Bull Lectures to R.P.S. ...	301
An Odham's Night ...	304
L.S.C. Jobbing Guild ...	306
Trade Notes ...	307
Caxton Convalescent Home ...	308
Printers' Claim Upheld ...	308
New British Patents ...	309
Commercial Review ...	310

and the application of it in every-day practice by professional printers. Strangely enough, we rarely if ever meet with a misapplication of type-face to paper in the case of private presses and amateur craftsmen. Possibly the greater enthusiasm goes hand in glove with a more thoughtful discernment.

* * *

Well-Laid Foundations

WE have a profound admiration for all those hundreds of printers who mastered the art of impressing types upon paper and vellum in the years between 1450 and 1500 A.D. From first to last, almost without exception, they achieved legibility above all else. It was no stroke of chance that gave a balanced page of space and print impressed with

types of ample dimensions in blackest ink on paper which was for the most part a natural white. Nor was it by accident that those who cut the types did so in perfect deference to the character of the paper which was to be employed. The truth of the matter was that as between one craftsman and another there was close collaboration, a common understanding and a simple sincerity in the proper execution of their work. Ours may be a harder world, and one which leaves little room for simple faith in craftsmanship—there may be a widened gap between the arts of printing for pleasure and printing for profit—but, so long as printing is performed, there remains a lesson of legibility for all to see in the fifteenth-century work that is preserved.

PERSONALIA

Lord Reading will propose the toast of "Journalism" at the annual festival dinner of the Newspaper Press Fund in London on April 19th, and Sir Ernest Benn will respond. Lord Leverhulme, the chairman of the dinner, will propose the toast of "The Fund," and the president, Lord Riddell, will reply.

Sir Robert Webber, managing director of the "Western Mail," Cardiff, who recently had a knighthood conferred upon him, was the guest of honour at a dinner at Cardiff last Thursday, when nearly 600 guests included industrial, political, religious and civic leaders from all parts of the Principality. Sir Robert was also the guest at a dinner of the Aldwych Club in London last Friday.

Mr. E. C. Potter (managing director of Algraphy, Ltd.), undertook the task of raising funds for the Printers' Pension Corporation at the closing concert of the season of the Lithographers' Auxiliary at the Cannon Street Hotel on Monday night. He succeeded in raising the magnificent sum of £145. We propose to print an account of the concert in our Lithographic Issue next week.

Mr. J. W. Robertson Scott, the editor of the "Countryman," has been elected to the Oxfordshire County Council.

Mr. John Fry (Fry's Metal Foundries, Ltd.), has been re-elected hon. treasurer, and Mr. A. H. Munday (of the same firm) re-elected a member of the council, of the Institute of Metals.

Mrs. Beatrice Warde, advertising manager of the Monotype Corporation, Ltd., addressed the Publicity Club of Leicester recently, taking as her subject "Before It Goes to the Printer." In the course of an address which contained information and advice of value to both the advertiser and the printer, she congratulated Leicester on possessing a "real constellation" of first-class printers.

Mr. George Stennett, of the "Peterborough Advertiser," has been appointed manager of the process department of the "Western Times," Exeter.

Mr. R. J. Miller, manager of the "North-Eastern Daily Gazette," Bishop Auckland, has received presentations from the directors and the staff on completing twenty-one years' service.

Mr. George Thorley, a member of the case-room staff of the "Scarborough Evening News," has received a staff presentation on his retirement after thirty-eight years' service.

Mr. F. D. Sanders has been appointed secretary of the Publishers' Association.



THE COMPLEMENT
TO GOOD COPY
IS A PICTURE

USE MORE BLOCKS

REGISTERED



TRADE MARK

LETTERPRESS MACHINES

single-sider · perfector · two-colour

with or without
automatic feeders and
pile deliveries

BUILT TO PRODUCE THE BEST
BUILT TO LAST

Your enquiries will receive immediate
attention and will be treated
in confidence by

LINOTYPE AND MACHINERY LTD

NINE KINGSWAY · LONDON

Y.M.P.s AT HIGH LEIGH

Another Home Counties Success

Situated amidst delightful scenery in Hertfordshire is the village of Hoddesdon, and here the Y.M.P.s of the Home Counties Master Printers Alliance gathered

abysmally ignorant, cowardly, and abominably conservative. This, naturally, called forth a very lively discussion, as no doubt the speaker intended it should. The meeting concluded, the company adjourned for further arguments over light refreshments.

Lighting the Way

On Saturday morning the paper "Bring Lights" by Dr. G. L. Riddell (Director of the P.I.R.A.) gave the members still further room for thought and, having dealt with the lack of fundamental scientific knowledge in the various processes, emphasised the fact that there was still a tremendous field of learning waiting to be explored by the printer. The paper on "L. s. d. in Management Control" by Mr. J. L. Milligan enlightened the gathering to the many snags and pitfalls in finance. Specimen balance-sheet sets, to illustrate the speaker's remarks were distributed, and a lively discussion arose.

After dinner Mr. Charles C. Knights provided more good fare with his talk "Printer! Print for Profit!" Briefly, his suggestions were that the printer should create markets. "Be persistent; never let yourself be rushed, especially with your own publicity; and, most essential of all, don't take yourself too seriously. A message put over with a smile will do more good than a glum one!" The discussion which followed produced still more helpful suggestions for the printer.

Then came Sunday—with the weather not all that it might have been, especially as this was the day arranged for the trip to Whipsnade. However, despite the showers, all who went had a very enjoyable time and returned in time for tea, which was followed by the sixth talk on the programme. The speaker on this occasion was Dr. George Miles, D.Sc., Director of the National Institute of Psychology, who impressed his audience with the need that as much attention should be given to the human factor as to the raw materials; this was imperative to obtain the best from both.

The Federation president, Mr. B. Guy Harrison, was the chief guest at the dinner which was the last item on the programme for Sunday. Mr. Ernest Polden, chairman of the Home Counties Y.M.P. Group, was in the chair; he was accompanied by Mrs. Polden. It was the largest attendance on record for a function of this kind.

Mr. Guy Harrison was most interesting in his response to the toast "The British Federation of Master Printers," which had been proposed by Mr. M. J. T. Watson, a past chairman of the Group. The latter expressed in excellent style the debt of gratitude the movement owed the Federation for valuable help which was always readily forthcoming.

Mr. D. Henley proposed "The Home Counties Master Printers Alliance," drawing upon Mr. Sidney Hudson, president H.C.M.P.A., to reply. In acknowledging the toast, the president assured the members of his willingness to assist them whenever required, and of the great pleasure it accorded him to see so many apprentices present.



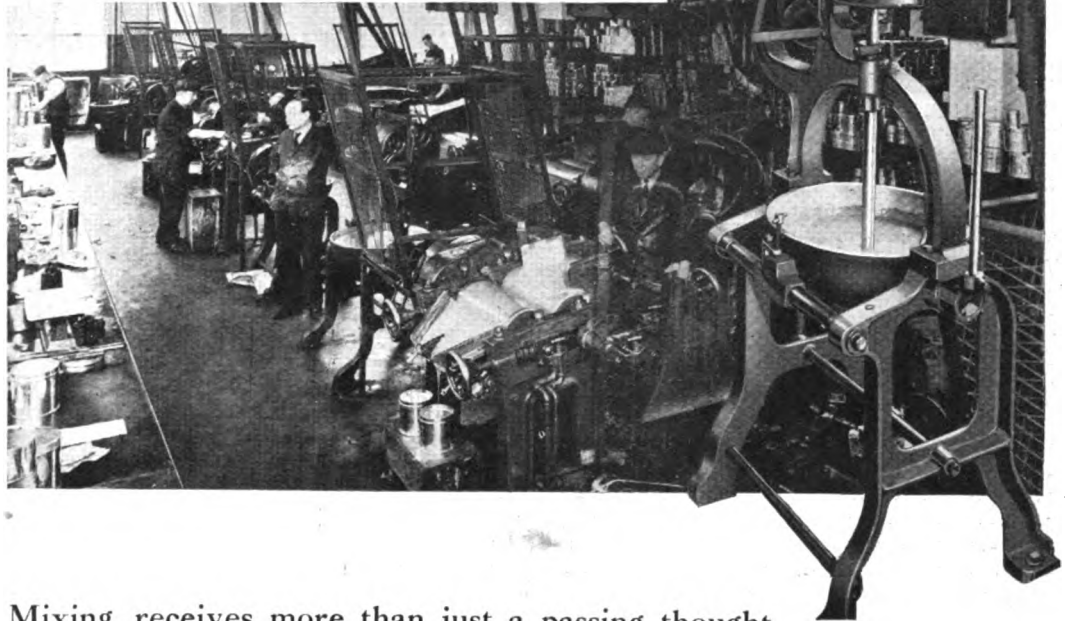
MR. ERNEST POLDEN

Chairman, Home Counties Y.M.P. Group

in good numbers on March 9th (as briefly reported last week) for one of those always happy week-end conferences associated with this Group. The programme of the conference commenced with a "Preamble" by the chairman, Mr. Ernest Polden, who extended a welcome to the Federation officials, visitors from other Alliances, and a number of apprentices who had secured prizes in the recent competition organised by the Home Counties Master Printers Alliance.

The company adjourned to the conference room where the first item on the programme was "I Start in Print" by Y.M.P. L. D. Greenhill, a paper which contained much of interest to the company gathered. He was followed by Mr. A. E. Owen-Jones, and all who have heard "O.-J." know how ably he tackles any subject. On this occasion he was in a very defiant mood, his shafts levelled at the Y.M.P. were sharply barbed, his accusations being couched in such terms as

Maintaining a Famous Quality



Mixing receives more than just a passing thought at Winstone House. Not only are the essential ingredients of the fine printing inks carefully checked for proportionate weight and measure; but they are also vigorously tested against a master formula before they reach the mixing stage. This ensures the maintenance of the high standard of quality for which Winstone's Inks are so justly famous.



WINSTONE'S INKS

B. WINSTONE & SONS, LTD. WINSTONE HOUSE
150-152, CLERKENWELL ROAD, LONDON, E.C.1

Mr. Sessions in proposing the "Y.M.P. Movement" paid high tribute to the work done by Mr. Kilpatrick, chairman of the Federation Y.M.P. Committee, for the benefit of the craft, specially mentioning his ceaseless efforts on the Production Records and the excellent way in which he was assisting with the arrangements for the Summer School to be held at Edinburgh. Mr. P. J. W. Kilpatrick when replying said it gave him great pleasure to be present at the conference and on behalf of the other visitors he desired to express their sincere thanks.

"The H.C.Y.M.P." toast was proposed by Mr. F. H. Bisset in a speech charged with wit, humour and encouragement. Mr. Polden in his reply expressed thanks to one and all for the assistance given him during his year of office, and especially to the Group secretary, for his untiring efforts to make the conference a success.

At the session on Monday morning "Layout and Typography," in the capable hands of Mrs. Beatrice Warde, proved an engrossing subject. The speaker dealt with the necessity for the printer to ascertain the value of each piece of literature he puts on the market, always remembering that advertising matter comes uninvited, and is really a petition, hence the very highest class work possible is essential.

Mr. R. B. Fishenden was the final speaker and, in his customary informative manner, touched upon various matters concerning the week-end's proceedings. He pointed out that the basis of a conference is to educate; these meetings widen the range of experience, and teach the printer to emphasise his conviction that he can and proposes to give his customer something better than that previously obtained.

Visit to Ink Factory

Having finished the serious business of the programme, the party by coach and car made the journey to the works of Messrs. Lorilleux and Bolton. On arrival Mr. Bolton, after welcoming the travellers, sent them on a tour of the works in small groups, with guides to give explanations of the various processes. Space does not permit of a detailed description of the processes seen, but each Y.M.P. found this itinerary most fascinating. Tea followed by the kind invitation of L. & B., when Mr. Ernest Polden acknowledged with thanks the hospitality and kindness received. Mr. Judge, chairman of directors, in reply said how pleased they were to have had the opportunity of extending an invitation to their visitors and hoped that all had enjoyed the visit.

Once more, and for the last time, conveyances were entered and, with many handshakes and reciprocated good wishes, the members of the party made their diverse ways homewards.

* * *

Mr. Ernest Polden

The success of the conference was due in no small degree to Mr. Ernest Polden, the active chairman of the Home Counties Y.M.P. Group, whose ready smile and friendly spirit set a fine example to all present. Ernest Polden, who is twenty-seven, was born at New Malden, Surrey. Finishing his education at Clifton College, Bristol, which he left in 1925, he went straight into printing. After spending some time in the London office of Messrs. Gale and Polden, he

passed to the Aldershot branch, where he went through all the departments. In 1928 he returned to London, becoming one of the firm's representatives. After four years in that capacity he paid a three months business and pleasure visit to the U.S.A., and shortly after his return was placed in control of the sales side of the business.

S.-W. London Printers

Industrial Co-partnership

The usual monthly meeting was held on Tuesday of last week at Arding and Hobbs' Restaurant, Clapham Junction, S.W.11, when Mr. F. Gray Healey, M.A., a member of the committee of the Industrial Co-partnership Association, gave a lecture on "The Practical Application of Co-partnership."

The president, Mr. G. Rangecroft, occupied the chair, supported by the vice-president and hon. secretary, Mr. Fred. A. Chivers, and a good company of members and friends.

Mr. Rangecroft cordially welcomed Mr. F. Scarsbrook, president of the West and North-West Association, Mr. W. J. Boyle, hon. secretary of the Central Districts, and Mr. W. Willsher from Headquarters.

He also took the opportunity to congratulate the joint hon. secretary, Mr. H. A. Robertson, on his recovery from a serious illness, and Mr. Robertson briefly thanked the members for their interest and sympathy during the time he had been laid aside.

Schemes in Operation

In the course of his lecture, Mr. F. Gray Healey, lucidly explained the aims and objects of the Industrial Co-partnership Association, and gave interesting details of several schemes in operation in various parts of the country.

The lecture was much appreciated and promoted a keen discussion, to which Messrs. W. J. Boyle, J. H. Quinn, F. Scarsbrook, A. Spring and J. D. Wise contributed.

A vote of thanks, proposed by Mr. G. Rangecroft and seconded by Mr. J. D. Wise, was unanimously accorded. Mr. Healey, in acknowledging the vote, expressed the pleasure it had given him to be able to present this subject to an association of master printers.

Mr. A. Spring called attention to the questionnaire sent out by the Federation Costing Committee, and Mr. J. D. Wise made an earnest appeal to the members to support the committee by making a return of the information asked for.

The proceedings were concluded by the president's reminding the members that the annual meeting would be held on Tuesday, April 10th, when he hoped there would be a large attendance.

The lectures given before the South-West Association during the session have covered a wide range of subjects, and have been most useful in keeping the members in touch with trade and social topics of current interest. It is increasingly realised that these monthly meetings of the local associations provide one of the most valuable methods of keeping members in close touch with each other and with the work of the Federation.



Are you just an Optimist?

or a **VIC-OPTIMIST?**

There's all the world of difference between an optimist and a VIC-OPTIMIST. True, they're both sure things are going to turn out all right—that profitable business is bound to come their way. The optimist, like Mr. Micawber, is “waiting for

something to turn up”—hoping to land a big order and pay for new plant out of profits. The VIC-OPTIMIST has got down to business. He has realized the hopelessness of attempting the task of producing good work with old and worn-out machinery. He has modernized his plant—*prepared* himself for the business he knows will come. He has met prosperity half-way. How has he done it?

How can *you* become a VIC-OPTIMIST? Write for full details of the latest VICTORIA Automatic Platens and Cylinders.



**MEET PROSPERITY HALF-WAY
JOIN THE VIC-OPTIMISTS' CLUB**



AGENTS FOR THE LANCASHIRE AREA

Messrs. George Hartley & Sons, 5, Chepstow St., Oxford St., Manchester

AGENTS FOR NOTTINGHAMSHIRE, DERBYSHIRE AND LINCOLNSHIRE

Messrs. Jones & Kay, Granby Street, Nottingham

FRANK F. PERSHKE LIMITED

NORFOLK HOUSE, NORFOLK STREET, STRAND, LONDON, W.C.2

Telephone : Temple Bar 8371-2

Works : Balham, S.W.17

DEATH OF MR. W. JOHN STONHILL

A notable figure in the early days of printing and paper trade journalism has passed away in the person of Mr. W. John Stonhill who died at Northampton on



THE LATE MR. W. JOHN STONHILL

(Before retirement from business)

Monday last about 80 years of age. He was the founder of the business now controlled by Stonhill and Gillis, Ltd., publishers of the *BRITISH AND COLONIAL PRINTER AND STATIONER*, the *World's Paper Trade Review*, and *Paper and Print*.

Mr. Stonhill established the *BRITISH AND COLONIAL PRINTER AND STATIONER* in the latter part of the year 1878. Possessing sound commercial qualifications, journalistic experience and a knowledge of the printing trade his aim was to work on original lines and to provide new features, particularly in the way of dis-

play and up-to-date news covering every branch of the industry. He was assisted by expert contributors, including the late Mr. John Southward, author of "Practical Printing," and other well-known writers. Trade news was supplied by correspondents appointed in the principal centres of the printing industry throughout the country. Before six months had elapsed the paper was firmly established. After appearing fortnightly, the journal was published weekly at the beginning of 1882, and has regularly appeared since that date.

Another illustration of Mr. Stonhill's enterprise was the launching of the *World's Paper Trade Review* as a weekly journal in 1883, its Jubilee being celebrated last year. The paper trade interests were previously represented as a section of the *BRITISH AND COLONIAL PRINTER AND STATIONER*. Success was steadily achieved, due largely to Mr. Stonhill's bright personality, charming manner, force of character and tactful resource.

Paper and Print, a quarterly journal, also emanating from 58, Shoe Lane, London, E.C., the offices of Stonhill and Gillis, Ltd., is another remarkable achievement. This publication, incorporating the quarterly issues of the *BRITISH AND COLONIAL PRINTER AND STATIONER*, has achieved outstanding success as a high-class production, circulating not only in this country but the world over.

Mr. Stonhill, in the interests of his publications, frequently visited both paper and printing works throughout the United Kingdom, and made many friends. He actively identified himself with various trade exhibitions, charitable organisations and all movements for the betterment of the industries his journals represented. As a member of the Savage Club he occupied the chair on the Saturday night dinner, March 9th, 1895.

In the year 1896 Mr. Stonhill suffered a serious breakdown in his health. Unfortunately he never recovered sufficiently to take an active part in business affairs. His ideals, however, were followed by a loyal staff of long service, with every success. Some five years ago, a private company was formed, with Mr. Fredk. Gillis, who joined Mr. Stonhill on the editorial side of the business in 1885, as chairman and managing director.

The deceased leaves two daughters to mourn their loss, Mrs. Upstone, the married daughter, being a director of the firm. His wife pre-deceased him six years ago.

SWANSEA TECHNICAL EDUCATION.—Under the auspices of the S. Wales and Monmouthshire Printers' Alliance a meeting was held in Swansea last week to hear an address on pictures and illustrations by engraving, etching, lithography, mezzotint, etc., by Mr. Robert F. Johns, of Newport, and was attended by employers and employees in the printing industry and others. Mr. A. E. Baker (Cardiff), secretary of the Alliance, appealed to both employers and employees to go deeper into the question of technical education. Mr. E. W. Holder (Cardiff) presided.

MONOTYPE PAPER CHARTS.—The Monotype Corporation, Ltd., have prepared in book form for desk use their complete series of charts of sub-divisions of standard printing paper sizes. The broadside group of charts proved to be one of the most useful sheets of technical reference ever issued to the trade, and its reproduction in book form was the result of recommendations from printers who found the broadside so useful. The book may be had free upon application to the Monotype Corporation, Limited (Publicity Department), 43, Fetter Lane, London, E.C.4.

HAMEL'S SPORTS
SERIES, Number 4

WELL AWAY!



"Well Begun, HALF DONE!"

The old saying was never so true as it is to-day. The Printer's initial worries are the process engravings. If his blocks are sharp, deep and easy to make ready, the rest is usually easy. That is where the HAMEL Service can be of such great assistance to you. Every block has the personal supervision of a practical principal; made under ideal conditions, by most modern, scientific plant in the Kingdom. A trial order will make you a keen admirer of the HAMEL Service. Blocks in Multi-colour, Half-tone and Line; Electros and Stereos.

Designs, Ideas and Lay-outs, etc

E. HAMEL & CO.,

Telephone: 41547 (Two Lines).
Telegrams: "HAMEL, Nottingham."

NOTTINGHAM.

Views on Technical Education

Schools Principals Speak

The last of the 1933-4 series of technical gatherings at Stationers' Hall took place on Friday, when the evening was devoted to views on technical education. The same subject was taken on two previous occasions, when students and instructors respectively expressed their views; this year the principals of printing schools were the speakers, namely, Mr. S. Thorogood, A.R.C.A., Camberwell School of Arts and Crafts; Mr. A. E. Jeffery, B.Sc., North-Western Polytechnic; and Mr. J. R. Riddell, London School of Printing. Mr. E. C. Savage, senior chief inspector, Board of Education, presided, and on the platform were also Mr. B. Ingram, Mr. S. Hodgson, Mr. H. S. Temple, Mr. R. Kneale, and Mr. R. R. Tomlinson.

Mr. S. Thorogood, A.R.C.A.

Mr. Thorogood, the first speaker, said he did not come to the subject in a provocative or contentious spirit. Though not a printer, he claimed a credential for expressing his views in that as a craftsman he had discovered in printing fundamental characteristics common to all crafts and he asserted, that while printing was established as a business its progress depended on its development as an art. Art was a much-abused word, but it meant beauty, with fitness and essential rightness. It was those principles that technical education had to bring to light.

Proceeding, Mr. Thorogood said that proficiency alone was not sufficient. The printer must be interested not only in his own specialised tasks, but also in the manifold activities of the craft as a whole. For that reason he stressed the value of a good general education. The speaker passed to a consideration of culture and its importance, in that the product must satisfy good taste and possess the merits of good design. It was to the credit of the printing industry, he said, that it displayed such marked interest in the education of its craftsmen, not only in London but throughout the country. Though he was fully aware of the difficulties and anxieties which beset master printers, and he recognised their generosity and foresight in affording part-time education to their apprentices—time all too short for the training so urgently required—he could wish they had more full-time students who could give their undivided efforts to ordered and comprehensive studies. Those studies must include a history of the craft, he added.

The Æsthetic Sense

Admitting that with progression must come specialisation, the speaker said that the evils of specialisation were discounted by a preliminary training which both presented a conspectus of the industry as a whole, and at the same time discovered that branch most suited to the natural talents and inclinations of the student himself. Mr. Thorogood then stressed the vital necessity of the æsthetic sense in every branch of the industry. For, they must remember, the printer's continual responsibility was that of choice. Choice of process: letterpress, lithography or photogravure, each with its own innate æsthetic quality and calling for its right manipulation and use; the choice of paper, ink,

colour, and of the arrangement of the matter to be printed. And then the fusion of all those into a satisfying composition. Instinct alone was not enough, nor was experience alone enough. Experience must be informed by knowledge, quickened by sympathy and illuminated by imagination. He held firmly that the ultimate training must be in the works, in daily contact with the machine and commercial methods, so that hour by hour the elbow was jogged by the problems of production, problems that could only be solved by a command of the resources of the factory.

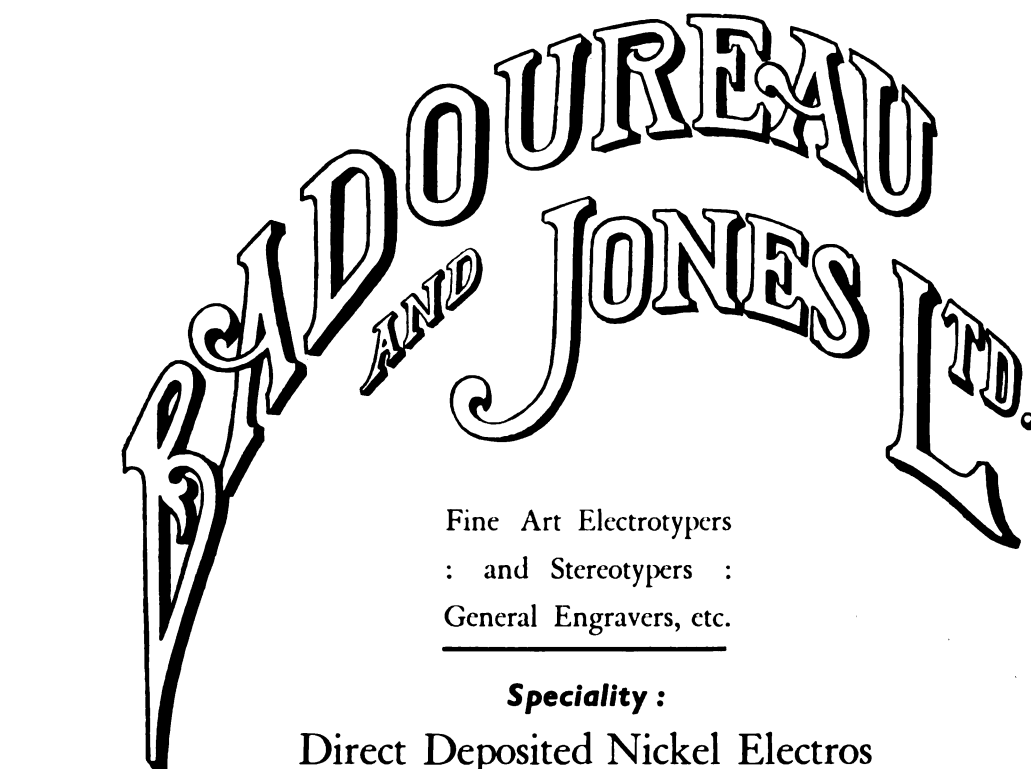
In the school they were primarily occupied with the period of apprenticeship, however. It was then the youthful mind was moulded, taste developed, vision kindled and special aptitudes discovered. And the development of taste, he considered, was best done obliquely and unconsciously. The student should work in an atmosphere where fine things were appraised. He should be surrounded by good examples of good craftsmanship, not only of his own craft but of other crafts. A printing school established in a School of Arts and Crafts enjoyed those peculiar advantages.

Concluding, Mr. Thorogood said that from both idealistic and practical motives he pleaded for an ever closer co-operation between art and industry, and, without hesitation, said that the foundations of that co-operation must be laid in the school. Above all, he asked that a technical education should be broad enough to base life upon, and sharp enough to cut through the monotony of earning a livelihood; that it should seek a knowledge deeper than information, a knowledge that made a man aware of his own dignity. Printing was but one of life's occupations, and it must be studied not merely for itself, but in relation to the life it served.

Mr. A. E. Jeffery, B.Sc.

The second address was by Mr. A. E. Jeffery, who was deputising for the principal of the North-Western Polytechnic. Mr. Jeffery concerned himself with the æsthetic side as with showing along which lines technical education can fulfil one of its purposes with the average intelligent and interested student. They all accepted, he said, the frequently repeated statement that the real aim of all forms of education is to cultivate to their fullest extent the latent powers of the individual. Educationists worked for many years on the supposition that those latent powers were wholly mental. Changing times, however, showed that mental activity could find satisfactory outlet in the creation of material things in the laboratory, drawing office, and workshop. Proceeding, he pointed out the value of the enquiring and imaginative mind, saying it was rarely out of place. It got farther than the mind which accepted all that it met in the printed word, suggestion or opinion, and believed that to accept was to learn. A student was a better student and a workman a better workman for the exercise of imagination and thought. He referred to cramming, and said that memory was a most important faculty but it could never be a substitute for thought. Mental initiative is most essential, and without it the student would never study

Electrotyping



Fine Art Electrotypers
: and Stereotypers :
General Engravers, etc.

Speciality :

Direct Deposited Nickel Electros
(Nickel Deposited direct upon the Mould) for
Colour Work, Cartons and Cardboard Boxes,
Embossing Plates, &c.

POPPIN'S COURT, FLEET ST.
LONDON, E.C.4.

Telegrams:
Badoureaux
Lud, London

Telephones:
Central 0246
Central 0247

Stereotyping

intelligently nor gain a thorough understanding of what he read or did.

Applied Imagination and Study

Those two characteristics, said Mr. Jeffery, of imagination and thoughtful study were indispensable to success; and assuming that it was possible to secure them in the student, what remained? To give him the opportunity to apply his knowledge. And it was there that technical education was so important. To the many it offered the means of discovering for themselves how to make a bad job good and a good job better. Realising the importance of self respect it aimed at fostering a pride in achievement and professional skill. The application, if taken no farther, would give grounds for real satisfaction, but technical education could carry the influence into the everyday lives of the students and the same healthy interest could be encouraged there. The printer's craft, continued the speaker, seemed to be particularly suited for the broad application of education in conjunction with employment. Its history was an inspiration, its traditions worthy of the highest endeavour, whilst its scope was wide and there was no lack of interest.

In all he had said he had insisted on the intelligent interest of the student in his work. Without it technical education became technical instruction and he had no patience with it. Men were not born to be solely printers or mechanics; if they became so our system of education had failed and done real harm.

Concluding, the speaker said he had concerned himself with the question of the suitability of the student to his work. Important as that was, he believed that in the printing trade it was sometimes the only factor not considered. Finally he spoke of the moral aspect of the training. Right or wrong doing was largely a matter of right or wrong thinking. If a man could be made to understand the dignity of labour and that it was far better to be a success as a printer or mechanic than a failure as a doctor or lawyer, he stood a very good chance of becoming a good citizen.

Mr. J. R. Riddell

Mr. J. R. Riddell, the last speaker, said he would deal with the matter primarily from the industrial standpoint, at the same time briefly reviewing what had been done in the past and offering a few suggestions for the future.

In his estimation, the future master printers' training could not be considered apart from the opportunity of bringing them into close contact with the employees. Employers and employees had a great deal to learn from each other, and if the best training was to be provided for the future employer, it was in the atmosphere of a school where both worked side by side and the same discipline was imposed upon each.

Proceeding, Mr. Riddell reviewed the advances of technical education during the last twenty years, and then spoke of the criticisms aimed at the schools. Mr. Riddell said that it was his experience that a secondary or public school education was not essential to enable a boy to become a good printer. Referring to instructors, he thought that therein lay, to a large degree, the secret of the success of their schools. However, he thought a small percentage only of instructors were suited for their jobs. He was of the opinion that the credit of their schools depended upon their present-day part-time instructors.

The question of salary undoubtedly prevented the best men in the industry from being attracted to whole-time posts. In his experience, the most successful men serving in that capacity were those who have held some executive position before undertaking the great responsibility of training the printers of the future, and that should be an essential qualification for all appointments. He considered technical schools should conform closely to the conditions which obtain in industry.

Turning next to the heads of schools, the speaker said, that he must always be ready to make decisions, and be prepared to stand by them. It was the easiest thing in the world to be popular, but the principal must be ready to stand alone.

Advisory committees and local education authorities were next constructively discussed, after which Mr. Riddell, said that the charge most frequently brought against their schools was extravagance, waste of materials, plant, and time. There was no smoke without fire, and from an onlooker's point of view there was some justification for the charge.

Monotechnic Institutions

Turning to the form the schools should take, the speaker said he took no uncertain stand on the institution of monotechnics for industry wherever it could be justified. That would make for economy and efficiency. A monotechnic should be the responsibility of, and financially maintained and governed by, the industry it represented. The governors should be representatives of employers and employees in every branch of the industry, and no interference should be tolerated from outside bodies. The curriculum should be arranged on lines best suited to the needs of the industry as a whole, and the staff should be recruited from men who possessed an appreciation of the dignity and traditions of their craft, and whose loyalty was beyond doubt.

The work undertaken in the school should be such that it would be helpful in the works, which after all was the acid test of the value of the training. Students ought to be taught how to make the best of the facilities they had at their disposal.

Mr. Riddell suggested the setting up of a national body in the printing industry to formulate a course of study and arrange examinations on similar lines to those held in London and the Home Counties by the Stationers' Company and Printing Industry Technical Board. The Joint Industrial Council of the Printing Industry, he added, could quite suitably become the nucleus of such a body. There would then be some chance of uniformity of instruction in the schools throughout the country.

In conclusion, Mr. Riddell said technical training for printers was again in the melting pot, and so long as there was a united effort to put the work on a basis which would be helpful to those in the workshop, there need be no fear as to the future of the printing industry, which was "the industry behind all other industries."

The three lectures were cordially received by the audience, which included instructors and students, many of whom participated in the ensuing discussion.

Mr. S. Hodgson proposed, and Mr. Temple seconded, a vote of thanks to the speakers, also to Mr. Riddell for conducting the series of lectures. The vote was heartily endorsed.

The speakers having replied, Mr. Riddell proposed a similar vote to their chairman, Mr. Savage, and this also was cordially carried.

Printing Crafts Guild Lecture

"The King's English"

A large audience, consisting chiefly of students from the Printing Department of the College of Technology, Manchester, attended the recent lecture on "The King's English" which was given by Mr. Sidney F. Wicks at a meeting of the Printing Crafts Guild held at the College.

Mr. Charles E. Kerr (head of the Printing and Photographic Department in the College), in introducing the lecturer, quoted, as an instance of the way in which Americanisms were creeping into conversation in England, the case of a student who explained to him that he was at present "sitting pretty" in a job!

Secret of Good Style

Mr. Wicks expressed pleasure at meeting men who were going to uphold in the future the art of printing. He pointed out that printers must be in the front ranks of those who guard the purity of the King's English, which is their most precious heritage.

He emphasised the fact that good style in English consisted in an intense concentration upon the meaning, whereas bad style consisted of concentration on decoration; and this applied equally to printing and writing. He pointed out that simplicity is the essential thing in English style. It was not possible to speak good English when trying merely to impress people.

The genius of English was such that it was the kind of language that a man would naturally use when moved by simple emotions. When one was in a temper or in deep grief, good simple English came more naturally than under circumstances where self-consciousness led to the employment of studied phrases. Good style arose from concentration upon meaning. In printing, too, when the printer thought more about the decoration than the meaning of the text, the result was bad printing.

As an example of good English Mr. Wicks quoted the twenty-third Psalm, in which the words were simple, sensuous and full of quiet music.

Importance of Sincerity

He emphasised that "truth in advertising" was too absolute an ideal, but sincerity was a virtue that should be upheld. A young man in love might not truthfully describe his lady—but who could doubt his sincerity?

When a thing was being made with only its essential purpose in mind, it would possess true beauty. So it was with the writing of the copy and the printing of it; the object was to give a clear message on a clear page.

At the close of his lecture Mr. Wicks advised students to build up the habit of reading English in a critical spirit, and urged them to acquire a sensitiveness to what was good or bad.

An enjoyable and instructive evening closed with a vote of thanks from the chair, which was supported very heartily by the audience.

COLOUR
IN
PRINTING INKS

HIGH-GRADE INKS
FOR EVERY MACHINE
FROM THE ROTARY
TO THE HANDPRESS

LORILLEUX & BOLTON
Eclipse Works LTD

Ashley Road . Tottenham . London N.17

Tel: Tottenham 3721-3

Grams: Frequentia Phone London

S.-E. LONDON MASTER PRINTERS

MANY TRADE MATTERS DISCUSSED

An interesting evening was spent at the Bridge House Restaurant, London Bridge, on the 13th inst., when a joint meeting was held between the South-East and the West and North-West Associations of London Master Printers. The evening was given over to questions and answers, by which means various trade topics were discussed impromptu. Mr. C. Errington, the S.-E. president, presided, and with him were Lt.-Col. B. L. Hooper, the L.M.P.A. president, and Mr. H. J. Wright. Those present included Mr. E. G. Baker and Mr. T. D. Hawkins from headquarters.

Hire-Purchase in Printing

The first question was put by Mr. Chambers to Mr. Hawkins, it being asked what suggestions he would make for use of the hire-purchase system for payment for print. Mr. Hawkins in light manner proceeded to show that he was no advocate of that system. It would be extremely difficult to apply the system to their industry he said, though there was a similar system already in vogue—that of deferred payment. He said that that system was entirely satisfactory to the printers' customer, and divided print buyers into four categories of payers—immediate deferred, normal deferred, extended deferred, and perpetual deferred. (Laughter.)

Mr. H. J. Wright asked the next question, "What effect would it have on your business if a printer opened next door?" of Mr. F. A. Perry, who replied that he would endeavour to cultivate the newcomer's goodwill. If he reciprocated, possibly it would not be bad for either of them. Other speakers on the subject included Mr. Hawkins who expressed the opinion that it was not so much the competition in his immediate vicinity that was a danger to the printer, as the competition of an unknown printer in another district.

Improving the L.M.P.A.

The chairman asked Mr. Neale how he would suggest improving the Master Printers Association. Mr. Neale briefly spoke of the Association's present activities and services, and was supported by Mr. Pollock who suggested that the Association should try more and more to get printers in London to realise the help they could get by ringing up or calling at headquarters. Mr. Norman said the Association should go for more members, more subscriptions, and possibly increased subscriptions, which would enable them to engage more officials. Reference was made to the recent lecture of Col. Truscott whose point, Col. Hooper said, was that the Association should be made so useful that every printer would want to be a member.

Col. Hooper referred to the reserve of the Englishman, and contrasted it with the attitude of American business men who had coined the apt saying: "If you have a secret and stick to it you have one secret; but if you exchange it for another you have two secrets." He urged the necessity of greater co-operation.

"How would you deal with a trade enquiry from a printer you know, and from one you do not know?"

was the question asked of Mr. Pollock by Mr. Millington, junr. Mr. Pollock replied that if it was from a printer whom he knew to be a backward payer, he would be "full up." His experience was that only in a very small proportion of cases he had lost money on trade enquiries. They had to rely on their actual knowledge of the printer inquiring, or make inquiries about him. Generally speaking, printers were good, though deferred, payers.

Competitive Quotations

Col. Hooper was asked by Mr. Baker what he would do if he were quoting for a job and knew another printer was also quoting, perhaps a cut price printer. That was a difficult question to answer said the Colonel. Personally, he believed in the Biblical saying "Do unto all men as you would have them do unto you." Every case, however, had to be decided to some degree on its merits. They had to "keep their end up" by putting in a more or less competitive bid. There was no need always to put in a bid that was going to get the order. For old work he personally tried to stick to what was a reasonable price. In the case of new work, there was no need to cut it to death, but on the other hand it was futile to put in such a high price that they knew they would lose the order.

Turning to the question of the cut-price printer, Col. Hooper said it opened up the question of what is a cut price, because costs in various houses were not always the same. He gave an example of a way of dealing with the cut-price printer. It was the case of a printer who quoted £70 for a job and was told that another man would do the job for £50. The first printer told the customer that he (the customer) could get the job done cheaper—by ringing up the second printer and telling him he could have the job for £40.

Choice of Machinery

Mr. Millington, senr., asked Mr. Wright, senr., to explain the advantages of buying foreign letterpress machines. Mr. Wright did not think there were any advantages. Firstly, he said, why send money and labour abroad when our own country wanted work? Almost every want of the English printer could be supplied in England. Again, he thought that foreign makers did not trouble to study the sizes required by the English printer. Then there was the question of spare parts: did they always keep spare parts?

Finally Mr. Searle asked the chairman whether he thought the sending of representatives or circularising was the better method of selling print. Mr. Errington thought it was best for the representative to call; there was always the personal touch. Col. Hooper said that no form of salesmanship was 100 per cent. efficient. He suggested that the printed salesman opened the way to the customer.

Mr. Errington, in concluding the meeting, expressed thanks to the W. & N.-W. members for their attendance, and to the various speakers.

Printers' International Congress

Utrecht, October 24th and 26th

Preparations are already in train for the Fourth International Congress of Master Printers to be held at Utrecht in October. Advantage was taken of the fact that Mr. E. Kopley, the secretary of the International Bureau, was in England during the early part of February to arrange that he should meet the officers of the Federation and talk matters over. Further, on February 15th Mr. R. A. Austen-Leigh, acting-president of the International Bureau, met the officers of the Dutch Federation in Amsterdam, and a provisional programme was drawn up, of which members of the Federation will shortly have full particulars. Generally speaking, the idea is that the National and International Printing Exhibition at Utrecht will be opened on Wednesday, October 24th, and the two following days will be devoted to the Congress. Mr. R. A. Austen-Leigh took the opportunity of paying a visit to Utrecht, inspecting the exhibition buildings and gathering information about hotels. As the amount of accommodation is not excessive, members intending to visit Utrecht are recommended to make early application to the Secretary, British Federation of Master Printers, 7 to 10, Old Bailey, London, E.C.4.

Printing and Bookbinding Machinery

Canadian Opportunities

Figures recently published by the Dominion of Canada Bureau of Statistics of the imports of commodities not produced in Canada, indicate the lines in which the United Kingdom may expect to benefit when demand again expands. Among the listed goods is printing and bookbinding machinery.

A correspondent of "The Times Trade Supplement," referring to these various lines says, much of this material can be partially made in Canada, especially if the work has the benefit of English technical experience. In fact, much of it must be so made if the competitive ability of the United Kingdom manufacturers is to be maintained.

There is, fortunately for those British manufacturers, rarely any need to make heavy investments in Canadian plant and equipment, because there is already much plant and equipment available in Canada in the hands of successful industrialists who are very willing to consider working arrangements with United Kingdom manufacturers to serve jointly the Canadian market.

A USEFUL booklet, in French, is issued by the Bibliothèque des Arts Graphiques, 80 Boulevard du Montparnasse (XIV^e), Paris. Entitled "Les Procédés d'Illustration," it outlines in thirty octavo pages the principal illustrative processes, with a view to distinguishing between them.

MORE TRADE FOR YOUR CUSTOMERS

means
more business
for you



Advise them to use the free space on their parcels. Large, brightly printed gummed labels cannot be overlooked. Print them on Samuel Jones' Coloured Noncurling Gummed Paper.

There is a

SAMUEL JONES' GUMMED PAPER
suitable for all
known printing
processes

GUMMED PAPER IS EASY TO
PRINT, EASY TO STORE,
EASY TO USE



SAMUEL JONES & CO. LTD
Bridewell Place, London, E.C.4.

Make no mistake

STILL TO-DAY, as twenty-four hours a day, the *Albert Galvanos* produce efficient electrotypes made for the most efficient printing. Their fidelity of reproduction is such that you can never detect a difference between the result from the original and the result from the *Albert Galvanos* reproduction. The impression of a considerable printing firm against the offset by working your business with *Albert Galvanos* and *Nickeloid* famous *Nickeloid* foundry guaranteed facsimile electrotypes.

NICKELOID

THE NICKELOID ELECTROTYPING
PRINTER STREET
CENTRAL

NICKELOID ARE BRITAIN'S FOREMOST ELECTROTYPERS AND

Like about it...

Years ago, *Nickeloid*—*Nickeloids* are the most perfect for half-tone and colour production is so absolute by difference between the one or colour set and that *Nickeloids*—not on any one. Keep your letterpress inroads of intaglio and and colour jobs from *Nickeloids*—produced in the only makers of the original for tone and colour printing

NICKELOID

NICKELOID COMPANY LIMITED
LONDON, E.C.4
TELEPHONE LINES

PREOTYPERS AND PROCESS-ENGRAVERS OF UNUSUAL SKILL

PHOTO-ENGRAVING

THE N.A.Y.M.E.

YOUNG ENGRAVERS ORGANISE

The Federation of Master Process Engravers is nothing if not progressive, and its optimism is evidenced by the fact that it has formed quite recently an entirely fresh section of its organisation consisting of junior members exclusively.

The scheme for formulating a subsection of the Federation to be known as the National Association of

Calling Young Men to Action

A circular letter of invitation was sent to all junior members, asking them to consider the possibility of serving the craft from a new angle: to see if by pooling their ideas they could succeed in bringing fresh vitality to the trade, fresh methods of stimulating interest in the Federation and all its aspirations—the widening of markets, increased facilities for customers, economies in management and possibilities of general improvement. It was pointed out that from 1916 onwards the Federation has been freely served by many well-known men; some of them have already passed over and there is still work to be done, though the foundations have been "well and truly laid."

The response to this invitation shows that the younger men are now going to take a hand in maintaining and improving the edifice.

Views of Mr. E. L. Vaus

Here is the gist of an interview with the chairman of the new group, Mr. E. L. Vaus, son of the late F. H. Vaus, of Messrs. Vaus and Crampton, one of the pioneers of the Federation. Mr. Vaus, asked about the new development, expressed himself substantially as follows:—

"Our Federation president, Mr. Alfred Craske, recently called us together, we talked it over, and eventually formed an Association of young members of the various houses in the trade, and decided to call ourselves the National Association of Young Master Engravers.

"Perhaps someone has said 'Who are these young upstarts?' While admitting we are young in age, and at the moment in numbers, we realise that we have a lot to learn about the organisation of our craft, and it is only by getting together, contracting one another personally, holding meetings and having discussions, that we are going to obtain that knowledge.

"We hope that the majority of us will eventually be taking prominent positions in our respective firms, and in connection with the trade, and it is felt that if we start young by intimately knowing and trusting one another we shall be in the more advantageous position to assume, shall it be said, 'higher office' in the Federation when the time comes.

"We all realise that it is up to us to come out of our shells, and work together in a family spirit, and be heard of much more. The process engraving craft



MR. E. L. VAUS

Young Master Engravers was the outcome of recent conversations between several of the younger generation.

The photograph reproduced on the opposite page was taken at a recent meeting of the Association, and shows those who have already linked up, to whom must be added Messrs. A. R. Jackson, H. J. Parrack and P. Cuka.

as a whole is worth shouting about, and the Federation of Master Process Engravers is a valuable asset to both buyer and seller. We must help to maintain its prestige and add to its usefulness. We cannot at the moment "set the Thames on fire," as we are in our infancy, but we hope as time goes on, to get things done.

"The majority of us have served our time on the benches, and so probably know what we are talking about, but there are problems occurring almost every

straight away, so that members could disperse in time to get their trains home.

The Process Club will be approached to invite the junior organisation annually to a meeting in London. Such a meeting would be open to the members of the Federation, but their part would be simply to listen. The junior organisation would propound its views on topics which it thought were of interest—the guidance of the Executive of the Process Club being sought as to the suitability of the suggested programme.



Reading from left to right—*Top Row*—B. Titchener, E. L. Vaus, F. E. B. Thomas, Miss F. Burman Norton, A. Craske, J. Edmunds, O. Kimber, C. E. Cutts, E. Grout, E. Sedgwick.
Lower Row—P. Siviter Smith, G. Hoare, jun., F. M. Eamer, M. D. Wenham, E. J. Brisley, J. Philipson, C. T. Phillips.

day in our craft that affect us all, and it is these conundrums that we youngsters will discuss together.

"Needless to add we are receiving the whole-hearted support of the 'Federation Council' and the committee of the Process Engravers' Club."

Draft Plan of Campaign

The following is the draft plan of campaign of the Young Master Engravers:—

The Executive Committee will consist of probably two members from each of the London, Midland and Northern Areas. If Glasgow comes into the scheme then the Executive could be increased. This normally would ensure *one* member at least from each district being present at each meeting.

Executive meetings may be held four times a year at the most convenient centre, or in different centres. The duty of the Committee would be to arrange programmes for the general meetings, and generally to act as the driving force of the movement.

General meetings would be called, say, three times a year, to be held in different centres, and the business placed on the agenda by the Executive Committee would be discussed and dealt with. Probably the meeting would be preceded by lunch, and the business gone on with

The president of the Club would act as chairman, and make the final summing up of the proceedings. In this way the junior organisation would become established as a definite part of the Federation, and such a meeting could be almost in the nature of a full dress rehearsal.

Permission would be sought from the Council of the Federation to attend the A.G.M. of the Federation, but such permission should not carry with it the right to take any part in the proceedings, except at the express invitation of the chairman or the Council.

This would be useful educational work and would also give a lead to the Executive Committee in the framing of their future programmes.

It is easily conceivable that within a very short time the members of the junior organisation would qualify to take their place in the working of the Federation by the election of a stipulated number of the junior members on to the Council. The older members would provide the experience, the junior members the enthusiasm which ought to be to the ultimate benefit of the craft.

A NEW edition, 1934, has just been issued of the "Engineering" Directory.

BELIEVE IT . . !

CURIOUS FACTS IN PROCESS ENGRAVING

In the following paragraphs, reprinted from the first number of the "Prism," house journal of Messrs. W. G. Briggs and Co., Ltd., will be found a number of facts relating to photo-engraving, which are of considerable interest.

The average size of blocks—year in, year out—is just over 15 sq. ins.

* * *

The block for the usual illustration in book or paper has undergone *at least* nine separate, intricate processes.

* * *

The number of operations undergone by the ordinary half-tone negative is 14.

* * *

One of the first of these is a coating with a collodion, the main ingredients of which are gun cotton—ether—methylated spirit, etc., a rather deadly mixture!

* * *

If an operator handles Fifteen 10 in. by 8 in. negs. a day he averages 250 sq. yards of negative a year.

* * *

The stops used in photography for half-tone reproduction are not merely different sized circles, as they are in the ordinary camera, but include squares, ellipses, rectangles and 101 different shapes.

* * *

The man who sells the same old goods in the same old way,

Is the very same man who, some fine day,

Will find that his business does not pay,

And his trade will go, day by day,

To the man who sells the same old goods in a brand new way.

* * *

In the process of photographing a 12 in. by 10 in. original on a fine screen 2,700,000 miniature eclipses take place, each of which is correct in all its phases.

* * *

In every square inch of a fine screen half-tone block there is an average of 22,500 dots.

* * *

Good results from good advertising are just as certain as death and taxes.

* * *

If the dots of an etched half-tone plate measuring 8 in. by 6 in. were placed one on top of another they would equal the Monument in height.

* * *

Have you seen copper as fine and soft as powder as flour?

* * *

The residue from electrolytic etching which is 98 per cent. pure copper, takes this form.

* * *

Some people's advertisin' es like eatin' one meal a day—et ain't enough.

Great care is necessary in the production of half-tone on zinc as the hardening point of the enamel deposit is only 5 degrees below the melting point of the zinc on which it is deposited.

* * *

Zinc increases in length, 3/16th of an inch per foot when bending for multigraph machines—a nasty snag to overcome!

* * *

When your doctor prescribes an iron tonic, visit Briggs—we have baths full of it.

* * *

"Blacking up," or oxydisation, is a phenomenon that occasionally occurs in line etching. Superstitious etchers scoot away in horror should they meet a negro on their way to work, as this always precedes an epidemic of the nuisance.

* * *

There is a red resinous gum used in line etching, the correct technical name of which is "Dragon's Blood."

* * *

The quantity of water used in one year at Briggs is 3,690,000 gallons.

* * *

In the production of one half-tone block, forty chemicals are used. In addition, eggs and glue play important parts.

* * *

In its course of production a cutout half-tone block changes hands ten times, a square up tone eight times and a line block eight times *at least*.

* * *

This intricate process is not yet 50 years old.

* * *

The material used in dry flong making has as its basis old ledgers and withdrawn bank notes from all over the world.

* * *

When an operator goes out to photograph a subject in colour he carries with him at least £150 worth of kit.

* * *

When photographing a four-colour set, should one negative vary by as much as the 500th part of an inch, the whole four negatives are scrapped and the set re-photographed.

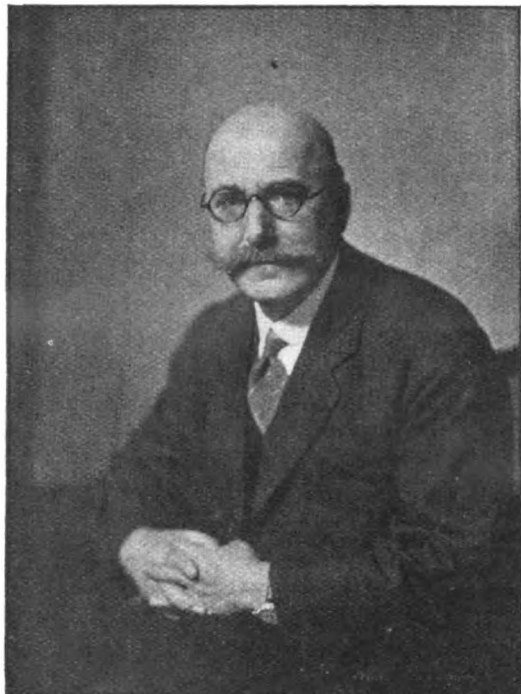
* * *

Once upon a time opportunity failed to knock at a wise man's door. But he advertised for her, and she came and stayed.

THREE-COLOUR WORK

MR. A. J. BULL LECTURES TO R.P.S.

A lecture entitled "Some Notes on Three-Colour Work" was delivered recently to the Colour Group of the Royal Photographic Society by Mr. A. J. Bull, M.Sc., F.Inst.P., F.R.P.S. Mr. Bull, who is best known



MR. A. J. BULL, M.Sc., F.Inst.P., F.R.P.S.

to the printing industry as principal of the Bolt Court School of Photo-Engraving and Lithography, has been for the past year the president of the Royal Photographic Society, and was last week elected to serve in that office for a second year.

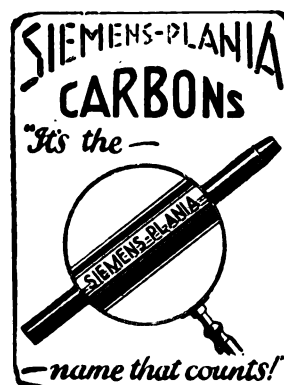
In speaking on "Colour Work" in this lecture, Mr. Bull was referring primarily to colour photography, but he touched on the photo-engraving side of the subject when he referred to the fundamental research work of M. du Hauron and also to the origin of panchromatic-plates for use in three-colour half-tone.

Pioneer Work of M. du Hauron

After telling of Clerk Maxwell's experiments in colour photography towards the end of the nineteenth century, Mr. Bull said: "The idea that one ought to be able to obtain a photograph in colour in this way by building up a picture in three colours had developments during the decade or so following, and it was a Frenchman, Louis Ducos du Hauron, who did most of the real thinking and a great deal of the early practical work. He was assisted by his brother Alcide, and as early as 1868 he applied for a patent for three-colour

printing. Charles Cros had in the previous year applied for a somewhat similar patent. Such ideas, however, were altogether premature, because the materials necessary to work the process were not yet available.

"Louis laboured for many years, and wrote a book or two on the subject. He really did, I think, commence all the various schemes of work that have borne fruit later. He attempted to construct an instrument for superposing the three coloured images from the three positives, very much after the manner in which it was done successfully in later years by F. E. Ives. He schemed out the idea of the screen plate. Whether he ever achieved anything in that direction I am not at all sure, but he had clearly the idea that if one could make a finely ruled screen of red, green, and blue lines alternatively, and could then make a negative through such a ruled screen, a positive from that negative when placed in correct register with the ruled screen, would give a correct colour image. What is perhaps more remarkable, Ducos du Hauron had very clearly the idea that one ought to be able to produce photographs in colour on paper by superposing three coloured prints. His idea was to photograph a subject successively by a red light, a green light, and a blue light; then make positive prints in colours from



**SUPPLIES
OBTAINABLE
FROM ALL
TRADE HOUSES**

SIEMENS-PLANIA ARC LAMP CARBONS

FOR PHOTO PRINTING, PHOTO PROCESS
AND SIMILAR TYPES OF LAMPS

Long Burning — — —
— — *High Actinic Value* — —
— — *Consistent Quality*

ADVERT. OF THE ELECTRICAL EQUIPMENT & CARBON CO., LTD.
107, 109, 111, New Oxford Street, London, W.C.1.

which those lights were absent, and print the three impressions in superposition. It was very interesting to see at an exhibition of colour photography held in the Society's House only a few years ago that the French Photographic Society lent us a number of prints made by Ducos du Hauron in the period from 1878 to 1891. So far as I could tell, those prints were made by the collotype process. They were naturally very poor, even if one allows for the considerable fading of the colours, which had probably taken place since they were made, but it was the beginning of things."

Origin of Panchromatic Plates

Tracing the introduction of panchromatic plates, Mr. Bull said:

"The introduction of the isocyanine dyes for colour sensitizing photographic plates, about 1908, placed in the hands of three-colour workers greatly improved facilities for carrying out their work. So useful were these dyes that they were employed to produce photographic plates for three-colour half-tone by bathing ordinary fine-grained plates in dilute solution (1 in 50,000) of the dye. Such plates would be used for direct three-colour half-tone work, and their use has, in fact, replaced in most countries the collodion emulsion which had previously been used for the purpose. I well remember bathing considerable numbers of such plates for this class of work.

"The late A. J. Newton, who was at that time the head of the School at Bolt Court, endeavoured to persuade some of the photographic plate manufacturers that the time had come for them to produce colour sensitised plates by this means, but they did not at that time see

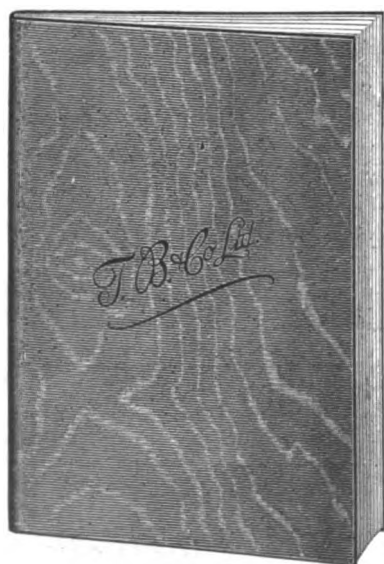
any commercial value in the suggestion, and it was not until Dr. C. E. K. Mees joined the firm of Wratten and Wainwright of Croydon, that anything was done in the matter. Dr. Mees was at that time familiar with the work which Newton and I were doing on bathed plates, as they were then called, and within a fortnight of Dr. Mees joining the firm, we began to be supplied with commercially bathed plates which soon developed into the well-known Wratten panchromatic plate. It is, perhaps, unfortunate that this emulsion is no longer supplied in this country coated on glass, but only in the form of film. I understand, however, that in America these plates are still in considerable demand."

Copperplate Printing on Tiles

An interesting new medium of reproducing copperplates has been discovered by Mr. D. Maxwell. By his method the pictures should be practically imperishable and unchangeable. He had been searching for a method which would make drawings indestructible by fire, damp, and ordinary wear and tear, and he struck on the idea of printing an ordinary etched copperplate on clay.

The result is that encaustic tiles $6\frac{1}{2}$ in. by $5\frac{1}{2}$ in. have been fired and glazed in the usual way, and instead of more or less crude designs and patterns, each bears a fine coloured etching which should last for thousands of years without deterioration. The tile thus printed has a definite quality of its own and justifies itself as a new medium.

ENVELOPES



Better Envelopes for your Customers !

The purpose of this book is to make envelope sales easier for you. It contains the prices and qualities of over 700 stock lines.

Post Free upon application, this is a handy means of reference for all engaged on selecting the right envelope for the right job.

THORBURN, BAIN & CO., LTD.

The Broadwall Envelope Factory, Stamford Street, LONDON, S.E.

Aberdeen Printing Classes

Prizes Presented

Prizes were presented last Thursday to successful students of the Printing Trade Evening Classes at Marywell Street School, Aberdeen. At the ceremony, Mr. Theodore Watt, convener of the Printing Trade Advisory Committee and a member of the Town Council Education Committee, presided, and gave a review of the session's work.

Mr. William Hatt, a member of the Printing Trade Advisory Committee, before handing over the prizes, compared present-day conditions with those prevailing when he was an apprentice, and said that he was glad to see the standard of printing being raised.

Index to Prosperity

Councillor M'Gee congratulated the headmaster, Mr. Ironside Gray, and his staff and Mr. Hatt, and proceeded to say that he regarded the printing trade as an index of how the country was faring. Printers' ink was the best investment business men could make; and all large firms recognised that printed advertising was tantamount to casting their bread upon the waters. It was a pity small firms didn't follow suit. Advertising should be done in dull times; it was most needed then. The public could be held by advertising. The success of the evening classes at Aberdeen was largely due to their advertising, which was increased this year rather than cut down.

Councillor M'Gee paid tribute to Mr. Watt's untiring zeal in the cause of education, with special reference to evening classes, and concluded by affirming that the young people of to-day, despite what their detractors might say, were certainly taking advantage of the great chances offered them to help themselves in their chosen trades.

An Edinburgh Exhibition

Bid for Trade Supremacy

Mr. William Maxwell, J.P., F.R.S.E., past president of the Federation of Master Printers, presented the prizes on Wednesday of last week at the annual exhibition and demonstration of work of the students of Milton House Technical Institute, Edinburgh.

The exhibits included specimens of printing, stationery, display drawing, bookbinding, paper ruling, and other crafts, and practical demonstrations were given in bookbinding, paper ruling, and stationery work.

Councillor A. H. A. Murray, convener of the Continuation Schools Sub-Committee of Edinburgh Education Committee, presided at the opening of the exhibition and presentation of prizes. Mr. Maxwell said that the new Heriot-Watt printing department, which would probably be opened in September of this year, would be a printing school second to none in the kingdom. After a few cycles of students had passed through, they were going to have in the printing trade of Edinburgh the very finest craftsmen that could be found anywhere.

When a printing order runs into hundreds of thousands of impressions you will find a definite need for K & C direct nickel electros. And should the order be repeated you would merely have to take the same electros out of store.

Why?

Because, being direct nickel deposit plates the great thickness of the nickel is practically unwearable under fair conditions.

Try running just one of these, say, amongst a set of ordinary electros made by anybody. The result will prove more to you than fifty half-page ads. in any book. Get in touch at once with

Knighton & Cutts

LTD

Process Engravers, Photographers for Advertisers, Typesetters, Electrotypers and Stereotypers, Ham Yard, Piccadilly Circus, London, W1 • Gerrard 5231 (6 lines)

An Odham's Night

South London Auxiliary Concert

The last of the series of concerts of the South London Auxiliary to the Printers' Pension Corporation for 1933-34 was held at the Horns, Kennington, on the 10th inst. This was a brilliant wind-up to a successful season.

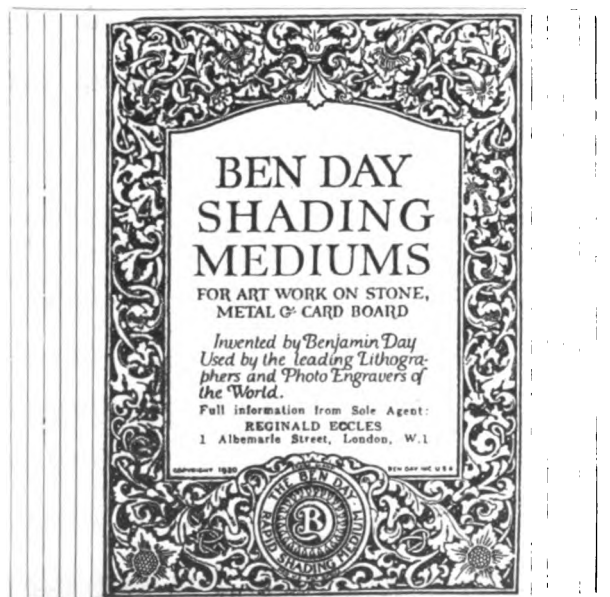
The chair was occupied by Mr. J. Rawlings (ware-house) and Mr. Bert Nicholls (machine dept., Odhams Press, Ltd.), and amongst those present were Messrs. Rodney Gibbs (president), H. W. Howes (Machine Managers Trade Society), S. Inwoods, F. Stapleton, J. Stamford, M. R. Hardie, J. Green, A. E. Moore (treasurer), H. Camp and J. Fleming (secretaries).

The secretary, in proposing a very hearty vote of thanks, expressed warm appreciation of the chairmen's united efforts in securing the magnificent sum of £220, which with the 25 per cent. added by Mr. Elias, this year's president, would bring the total to £275, a record for this season.

Mr. Wilson Howes, in seconding the vote of thanks, said how much they all appreciated the efforts of the two chairmen, who must have worked very hard indeed, to get such a large sum of money together. He was quite sure that no one would be more pleased than their good friend Mr. Elias, when he saw the amount he would have to contribute to this "plate."

The vote of thanks was received with enthusiasm, and Mr. Rawlings and Mr. Nicholls, briefly responding, said it certainly was very hard work to get money these days, but it was a labour of love, and it was some consolation to know they were doing something for those that had fallen by the way. They thanked their friends and the large audience for supporting them so handsomely.

The entertainment was supplied by Mr. Murray Ashford's Concert Party, which was received with enthusiasm from first to last.



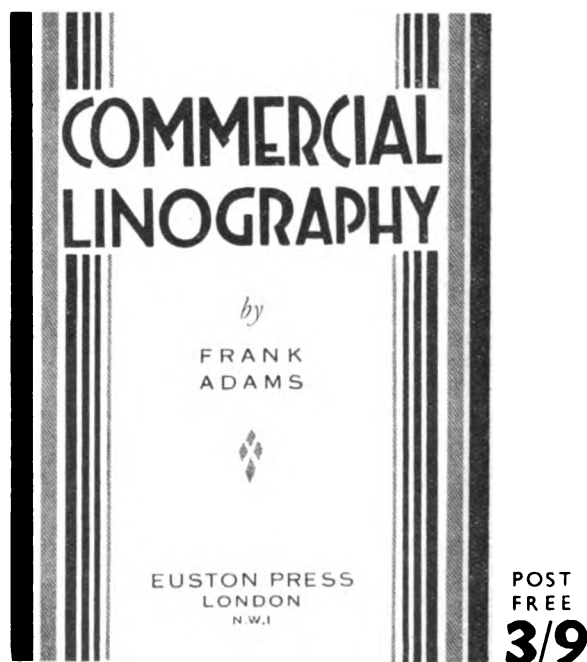
I.F.S. Printing Trade

The total value of books, newspapers and other printed matter imported into the Irish Free State during the year ended December 31st, 1933, was £495,247, as compared with £551,607 in the previous year. The imports under these headings for December last amounted to £39,635, as against £44,798 in the corresponding month of 1932.

Following the investigation by the Free State Tariff Commission into the desirability of imposing an import duty on prayer books, the agitation by printers in Ireland for a tariff on all imported printed matter has been renewed, and it is considered probable that the Department for Industry and Commerce may refer their claims to the Tariff Commission for investigation.

Exports of printed matter from the Free State in the year under review amounted to £133,540; in 1932 they totalled £176,424.


That it was important for businesses to use the very best stationery, letter-headings and sales promotion matter that they could afford was strongly urged by Mr. J. S. Mackintosh, general secretary of the National Federation of Credit Traders, in an address on "Business Letter Writing" to the Western District Council of that body, meeting at Plymouth on Wednesday of last week.



A complete text book. Crown 4to.
Paper Covers. Obtainable from
LANGLEY & SONS, LTD.
The Euston Press, 4-8 Euston Buildings, N.W.1.


A Buyers' Guide to Efficient Service

FOLDING MACHINES


 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E. C. 4. (Phone Cent. 1165). The "Cleveland," "Camco" and "S.C." series. British-made Folders for every need, from Eight Crown down to Demy Folio.

CUNDALL FOLDING MACHINE CO., 25 and 26, Shoe Lane, London, E.C.4. Phone: Central 8166. Works: Luton, Beds. Makers of the all-British Cundall Paper Folding Machines.

OFFSET MACHINES


 **CRABTREE, R. W. & SONS, LTD.**, Water Lane, Leeds, makers of "Ensign" Super-Offsets in all sizes for Sheet or Reel feed, in One, Two or Three Colours, or for Perfecting.

PAPER FEEDERS

 **CAMCO (MACHINERY) LTD.**, 63, Farringdon Street, E.C.4. (Phone: Cent. 1165.) Single and Twin Sheet Feeders for Litho, Letterpress and Folding Machines. Rotary Continuous and Pile Suction models.

CROSS CONTINUOUS FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, W.C.1. Tel. Holborn 0634.

DEXTER SUCTION PILE FEEDER Sales Agents, **SHERIDAN MACHINERY CO., LTD.**, 48, Gray's Inn Road, London, W.C.1. Tel. Holborn 0634.

 **"ELESS" PILE AUTOMATIC FEEDER.** Sole selling Agents for Great Britain and Colonies, **R. W. Crabtree & Sons, Ltd.**, Water Lane, Leeds.

PAPER FEEDERS

H.T.B. LTD., Blackhorse Lane, Walthamstow. Sole manufacturers of H.T.B. Full Automatic Stream FEEDERS, Semi-automatic and Combination FEEDERS. Phone Number Walthamstow 0211.

UNIVERSAL FEEDER. The World's finest Feeder proposition. Manufacturers:—Kleim & Ungerer. British Sales Agent:—A. J. Dronsfeld, 25, Lime Street, E.C.3. Phone: Monument 0777.

PRESS BLANKETS

HOE & CO., LTD., R., 109, Borough Road, London, S.E.1. Best Quality Automatic Felt Oil Proof Face Rubber and Mono cork for Superior Printing. Large Quantities carried in stock.

LIGHT & CO., LTD., W. J. 36-38, Whitefriars Street, London, E.C.4. Phone: Central 3839. "LIGHT'S EVERWEAR" Press Rubbers. Oil and Ink-Proof and Reversible. **LIGHTAUTO RE-PRESSED FELTS.** THE BEST BRITISH TWO.

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Makers of finest British blankets since 1800.

PRINTG. IN FOREIGN LANGUAGES

WILLIAMS, LEA & CO., LTD., Clifton House, Worship Street, London, E.C.2. Printers in Russian, Polish, Czechoslovakian, German (Gothic), and all Foreign and Eastern Languages. Tel.—Bishopsgate 8121 (3 lines)

PRINTING PRESSES, ETC.

JOHN & WM. BURT & SONS, LTD., 156, Caledonian Rd., London, N.1 (Tel: Ter. 5394-5—two lines). Sole Agents for "Auto-Phoenix" Two-Revolution, Stop Cylinder and Platen Presses.



PRINTERS' SUNDRIES

MONNERY and CO., LTD., W. G., 15-16, Thavies Inn, Holborn Circus, London, E.C.1. Telephone: Central 4751. Tapes, Brushes, Oil Cans, Belting, Palette Knives, Facing Paste, Stereo Paste, "GRIPOLETT," Space Fixing Solution and every variety of Sundries used by Printers.

PROCESS ENGRAVERS




NICKELOID ELECTROTYPE CO., LTD. Printer Street, London, E.C.4. Telephone Central 9791 (6 lines). Process Engravers, Electrotypes, Stereotypers. When you want to print a job particularly well—with the last impression as clean and sharp as the first, use Cormil chromium plates—made exclusively by Nickeloid and good for 5,000,000 impressions and over.

ROTARY WEB PRESSES

HOE & CO., LTD., R., 109-112, Borough Road, London, S.E.1. Telephone: Hop 6604. Telegrams: Expugnator Sedit, London. Cables: Hoe, London.

LARGEST MANUFACTURERS OF HIGH-SPEED ROTARY NEWSPAPER AND MAGAZINE PRESSES. Patentees and Suppliers of Automatic Ink Pumps.

JAMES HALLEY AND SONS, West Bromwich, Eng. Check Book, Interfold Stationery and General purpose Rotaries.—London Agt. F. J. Connolly, 4, Blackfriars Road, S.E.1.

 **CRABTREE, R. W., & SONS, LTD.**, Water Lane, Leeds, and 9/11, Bowling Green Lane, Farringdon Road, London. **NEWSPAPER (Speciality) and MAGAZINE ROTARIES.**

SILK SCREEN COLOUR PRINTING

SELECTASINE SILK SCREENS, LTD., 28, St. Bride Street, London, E.C.4. Tel.: Cen. 6722/3. 2 lines. All classes of Silk Screen Colour Printing equipment, inks, etc. Information free on enquiry. Demonstrations at the Studio at any time. Short runs, down to 50 copies, are economically executed by Selectasine.

L.S.C. JOBBING GUILD

PLANNING THE COMPOSING ROOM

The meeting of the London Society of Compositors Jobbing Guild, held on Wednesday of last week at the L.S.C. Board Room, completed the twenty-fifth year of the Guild's life. It was appropriate that there should be a good attendance of members present, amongst them the Rt. Hon. C. W. Bowerman, who since the inception of the Guild has been a vice-president, and has taken much interest in its activities. The lecturer for the evening was Mr. T. S. Curr, a composing-room equipment specialist (Stephenson, Blake and Co., Ltd.), who took as his subject "Planning and Equipping the Composing Room." Mr. Bowerman was greeted with applause on taking the chair. He was supported by Mr. G. Griffiths and Mr. H. Naylor (secretary).

The Composing Room Should Pay

Generally speaking, said Mr. Curr, the composing room seldom received the attention it should have. The average master printer looked on the composing room as a necessary evil—a means of producing folder for the machines. That was a very wrong attitude to take. He proceeded to give three reasons why composing-room equipment should be up to date and arranged systematically: first, the purely commercial reason; second, the craftsman's reason; third, the humanitarian reason.

From the first viewpoint it was reasonable to think that the printer should make money in the composing room as well as in the machine room. It was seldom that the printer appreciated that he was losing money in the composing room through inefficient organisation. In the composing room the man was the unit, and therefore it was essential to give the man the best conditions of working so that his production would be the best. The second point was that the art put into print was done in the composing room. Therefore they should give the artist every incentive to produce the best results. Thirdly it was realised more generally to-day that working conditions should be the best possible, so that the worker might enjoy his work and

his surroundings. Up-to-date equipment would achieve these three ideals.

Equipment and Layout

Continuing, Mr. Curr proceeded to deal specifically with separate units of the composing room. With the aid of miniature models he explained the construction of the modern "stone," and the different cabinets required by different classes of printers—publicity, jobbing, newspaper, and book printers. By the use of photographs and blue prints of actual layouts and the black board, it was shown how the various units could be placed in the composing room for the greatest efficiency. It is found that by installing a modern system of layout ample gangways are obtained, yet materials are nearer to hand, while at the same time the accommodation is increased so that more men can work comfortably in the same accommodation. Mention was also made of block storage cabinets, and subsidiary apparatus making for greater efficiency in the composing room.

Lighting the Composing Room

The lecturer concluded his remarks with a reference to lighting, speaking of its vital importance to the compositor who was working with his eyes, and who often suffered from glare from the type. The main thing was to avoid shadows in the gangway. The ideal was to have lights over the gangways and others over the frames. Such a combination prevented shadows.

A discussion followed the lecture, after which Mr. G. Griffiths proposed a vote of thanks to the lecturer. Mr. Boothby seconded the vote which was carried with enthusiasm, and Mr. Curr briefly responded.

Mr. Smith proposed a similar vote to Mr. Bowerman for occupying the chair. Mr. Naylor and Mr. Foster supported the motion and it was heartily carried. Mr. Bowerman in expressing his appreciation, remarked that the trade was much indebted to the Guild.

A Buyers' Guide to Efficient Service

STEREO FLONG

DIXON & CO., LTD., L. S., 38,
Cable Street, Liverpool. "DIXO-
TYPE" THE ONLY BRITISH MADE
DRY FLONG. Also Tissue Blotting
and Backing for Wet Process.

LIGHT & CO., LTD., W. J., 36-38,
Whitefriars Street, London, E.C.4.
'Phone: Central 3839. "IDEAL" Dry
Flong for Hand-casting and "CLEAR-
TYPE" Dry Flong for Machine Casting.
"PHOTOONE" for Illustrations.

PETERS, W., Ltd., 11, Queen
Victoria Street, London, E.C.4.
"SILVERTONE" for cold moulding.
FLONGS for all purposes.

STEREO AND ELECTRO PLANTS

HOE & CO., LTD., R., 109-112,
Borough Road, London, S.E.1.
Tel.: Hop 6604. Telegrams: Expugnator-
Sedist, London. Cables: Hoe, London.
Complete Lines of Rotary and Flat Stereo
and Electro Plants.

STEREOTYPING MACHINERY, ETC.



CRABTREE, R. W., &
SONS, LTD., Water Lane,
Leeds, and 9/11, Bowling Green
Lane, Farringdon Road,
London. ROTOPLATE (Reg.
Trade Mark) and ROTASHAVER
Casting and Finishing Machines.

TINPLATE DECORATING MACHINES

CRABTREE, R. W., & SONS,
LTD., Water Lane, Leeds,
makers of the "ENSIGN"
Standard and Speedy TIN
PRINTING MACHINES
AND COATING MACHINES.

TYPEFOUNDERS

YENDALL & CO., LTD., Risca,
Monmouthshire. London Office and
Stockrooms, 11-17, Plough Court, Fetter
Lane, E.C.4. Tel. Central 8640.
Manufacturers of the well-known hard
wearing RISCATYPE. All the best
known MONOTYPE faces in complete
founts, including the Gill Sans Family
6pt. to 72pt. It's the metal that counts.

TRADE NOTES

MUNICIPAL PRINTING.—The Glasgow Printing Trades Confederation has written to the Town Council Labour group supporting the proposal to establish a municipal department for printing and the manufacture of stationery. It also suggests that the Corporation should not send any contracts to places outside Glasgow if the rates are below the city level.

A new Hoe rotogravure press is being installed by the Amalgamated Press at their Holland Street works.

At the successful annual dinner of the Yorkshire Master Printers Alliance, held at the Royal Victoria Hotel, Sheffield, on Friday, Mr. W. H. Sessions (vice-president of the Federation of Master Printers), Mr. F. H. Bisset (Federation secretary) and the Master Cutler of Sheffield, were amongst the speakers. Mr. Leonard Beswick, president of the Yorkshire Alliance, presided.

Mr. CHARLES E. MASON, formerly circulation manager of the "Yorkshire Post" and allied papers, has died at Knaresborough at the age of 79.

Mr. LAWRENCE HOWARD QUIN (66), of West Norwood, founder, proprietor and editor of the "Metal Bulletin" left £17,986 (net personalty £17,879).

Mr. WILLIAM T. SHARP, of Braeside, Haslemere, barrister, for over forty years connected with the Newspaper Press Fund, first as secretary, then as treasurer and vice-president, left £12,829 (net personalty £8,822).

PRINTERS AND PAPER-MAKERS BOXING.—A boxing tournament between representatives of the Printing and Allied Trades Boxing Club and the Aylesford Paper Mills Sports Club was held on Saturday at the Tovil Club, Maidstone. The Printers, who had the best of the encounters, won all the events except one. The principal contest of the evening was for the "News of the World" Challenge Cup, which was won by the Printers.

TELEPHONE SERVICE ENVELOPES.—As an experiment, the Post Office Telephone Service has begun the use of envelopes of a slate-grey colour in its communications to the public. The new colour will, for the time being, take the place of the older buff colour hitherto used for most forms of Government communications, including income-tax forms.

NEWSPAPER COLOUR GRAVURE.—"The Times Weekly Edition" published last Thursday a Special Travel Colour Number which is specially interesting on account of its photogravure pages. There is a decided advancement in this section of the number, and the printing of these pages is evidence of the successful way in which the problems in connection with photogravure printing are being overcome. The monotone pages, we understand, are printed at the same time as the colour pages on the multiple presses at the Watford works of the Sun Engraving Co., Ltd. This is an interesting example of the advancement in the photogravure printing of illustrated journalism.

"KIDD'S are the people for that!"

WHEN it's a question of Roller renewals, get in touch with Kidd's. Prompt recasting, prompt return.

Our transport service operates in the following areas:

London and Outer Suburbs			
Birmingham	Northampton	Brighton	Reading
Leicester	Bristol	Bournemouth	Portsmouth

Ask us for particulars of this service. We shall be glad to quote you also for new rollers, and contract work.

JOHN KIDD & CO., LTD.

10 & 11, WINE OFFICE COURT, FLEET STREET, LONDON, E.C.4
Telephone - CENTRAL 4533 (3 Lines)

KIDD'S
ROLLER
TRANSPORT SERVICE



Caxton Convalescent Home

LIMPSFIELD

Annual Meeting

The annual meeting of the Board of Governors of the Caxton Convalescent Home, Limpsfield, was held at the St. Bride Foundation Institute, Bride Lane, E.C., on March 10th, when the president, Mr. T. W. George (Associated Newspapers), was in the chair, supported by the Rt. Hon. C. W. Bowerman, J.P., hon. treasurer; Messrs. H. Wilson Howes and R. Kneale, vice-presidents; Mr. R. E. Hodgkins, trustee; and Mr. W. F. France, J.P., secretary.

A highly satisfactory report and balance sheet was presented by the Committee, and adopted. The ordinary fund income, exclusive of legacy of £1,000, amounted to £3,031 19s. 4d., and the expenditure to £2,529 5s. 0d. The building and endowment fund income was £170 7s. 6d., and the expenditure £195 3s. 7d. The subscriptions had been well maintained, notwithstanding adverse trade conditions, and the Committee had been enabled to effect further improvements in the Home and grounds for the greater comfort of the patients.

Mr. T. W. George was re-elected president, and the vice-presidents were re-appointed. The Rt. Hon. C. W. Bowerman was re-elected treasurer, and Mr. W. F. France was re-elected secretary. Messrs. E. E. Guest and H. W. Turl were elected life representatives. The Committee was re-elected, with the addition of Messrs. G. Holmes and S. W. White. Messrs. W. Burke and R. F. Spring were appointed trade auditors.

Nine honorary collectors received certificates, entitling them to nominate a patient annually, for services rendered over a period of ten years.

A vote of thanks to the chairman for presiding, concluded the business of a very interesting meeting.

Printers' Football Results

The results of matches played on Saturday (17th) were:—

Loxleys	.....4 v. Bowaters	.....1
Waterlows	.....1 v. Crowther and Goodman	3
Cannon House	.....1 v. Henry Good	.....0
Waddingtons	.....1 v. Oyez	.....15

The final of the Printing Trades Charity Sports Association Football Cup will be played next Saturday between Oyez and Cannon House, on Messrs. Waterlow and Sons sports ground at Walthamstow.

DICTIONARY OF COLOUR.—Sir Henry Sutcliffe Smith, president of the British Colour Council, announced at the council's recent annual dinner in London that they had almost completed the compilation of a "dictionary of colours"—the first of its kind to be compiled in England. The dictionary, which will be published in April, will contain 220 shades, a dictionary of explanations of the colours mentioned, their foreign names, and the names by which they were previously known.

Printers' Claim Upheld

In the Mayor's and City of London Court last week, Messrs. Leighton and Lonsdales, Ltd., 48, Red Lion Street, W.C.1, printers, sued Mr. Percival Edward Sanders, 14, New Bridge Street, advertising agent and consultant, for £53—but limited the claim to £50. The claim arose in connection with an agreement entered into in November, 1933, for the making up of 100,000 letter-folders and cheque-forms for an advertising scheme for Brian Walsh, Ltd., tailors, in accordance with the terms of an accepted estimate of £140.

Mr. Frederick William Bowditch, director, Brian Walsh, Ltd., said he was "absolutely a one proof man," and, if it was not good enough the first time, that was enough for him. The Judge commented that witness appeared to be a pretty hard taskmaster—in fact a "dictator"—but that that was probably "business"!

In giving judgment, Judge Shewell Cooper said it had been an interesting but difficult case. He came to the conclusion that the solution of an extraordinary conflict of evidence between apparently quite honest people lay in the fact that defendant, young and properly ambitious and comparatively young in business, obtained this order from a customer who, unhappily, proved to be a very hard taskmaster—that was perfectly obvious. Defendant had to please him and do his best not to get into difficulties with plaintiffs, and it seemed to his Lordship that defendant found himself "Between the devil and the deep sea"—he would purposely not specify which was which! He believed that gave rise to all the trouble. Defendant gave a printing order which he could not possibly have got accepted on the terms suggested; the customer wanted what was really unreasonable. On the whole, his Lordship came to the conclusion that plaintiffs were entitled to succeed; and the defence and counter-claim must fail. There would be judgment for £28 5s. with costs.

EMPIRE MARKETING POSTERS.—Original designs for the posters of the Empire Marketing Board (wound up last year), are on view at the Imperial Institute, South Kensington. There are five hundred designs, in various mediums and from a great many artists. Mr. Frank Pick opened the exhibition on Monday, and drew attention to the sustained improvement in colour printing during the last few years.

L. & M. BROADSHEET.—A handsome broadsheet issued by Messrs. Linotype and Machinery, Ltd., sets out the capabilities and versatility of the All-purpose Linotype. Detailed information is given of the machine, the unique features of which put a wide range of typesetting possibilities at the disposal of every printer, or trade setter. The inside of the broadsheet forms a specimen sheet of some of the faces which are now available for use on the machine, and it is added that all popular faces in complete series are in process of manufacture. Accompanying the broadsheet is a folder exemplifying the "Excelsior" series of type-faces which have been designed especially as a newspaper type. This folder which is produced throughout in Excelsior type on newsprint gives a good idea of the readability of the face and its general clearness.

NEW BRITISH PATENTS

Applications

- Bulpitt, W. H. Guards for presses, etc. 5,517; 5,518.
 Borgarello, C., Borgarello, G., and Crosio, S. Multiple die for type-casting machines. 4,151.
 Capdevielle, J. P. Cylindrical inking-device for printing machines. 5,653.
 Chamberlain, S. B. Application of protective colour printing to security documents. 5,181.
 Coutts and Co., Ltd., C. A., and Breed, H. W. Card-board boxes. 4,241.
 Feeny, V. F. (Miehle Printing Press and Manufacturing Co.). Production of lithographic printing. 4,614.
 Feeny, V. F. (Miehle Printing Press and Manufacturing Co.). Sheet feeding device for printing, etc., machines. 4,756.
 Gibbs, R. S. Paper bags for holding balls of cord, etc. 5,475.
 Goss Printing Press Co. Paper folding mechanism. 4,229.
 Greiner, G., Monschein, C., and Reitner, J. Paper, etc., bags for fruit. 4,537.
 Hampshire and Co., Ltd., F. W. and Weaver, F. W. Showcards, price tickets, etc. 4,175.
 Harrington, J., and Palmer, H. W. S. Paper cartons, etc. 5,575.
 Johns, Son and Watts, Ltd., and Watts, A. E. Collapsible boxes. 4,354.
 Lenard, F. P., and Robinson, H. G. Collapsible card-board boxes. 4,731.
 Linotype and Machinery, Ltd. Typographical slug-casting machines. 5,186; 5,187; 5,188; 5,189.
 Majer, C. Production of cardboard, etc., containers. 5,440.
 Matthewson, G. Photogravure or intaglio printing machines, etc. 4,453.
 Morland and Impey, Ltd., and Rendall, A. G. Lithographic printing plates. 5,385.
 Peacock, A. M. Cardboard boxes. 4,241.
 Pictorial Machinery, Ltd., and Linzell, L. Drying coated plates for photo-lithographic, etc., purposes. 5,238.
 Robertson, J. M. Typesetting machines. 4,712.
 Sleeman, R. P. Printing blocks. 5,715.
 Soc. Anon. Imprimeries E. Chambrelent E.T.I.O.P. Decorating and printing paper. 4,244.
 Stockmans, C. Carbon papers. 5,021.
 Tillet, G. H., and Tilletts, Ltd. Multi-colour printing. 4,196.
 Westbury, A. I. Delivery throw-off electrical printing machine attachment. 4,864.

Specifications Published

1932

- Bekk and Kaulen Chemische Fabrik Ges., Dr. Method of production of formes for planographic printing, particularly offset printing. 405,709.
 Fisher, W. F., and Talbot, W. E. Web printing. 406,023.
 Hart, H. (Mergenthaler Linotype Co.). Magazines of typographical composing machines. 406,032.
 Pollak, J. E. (Brehmer Geb.). Means for applying adhesive to book signatures or the like in book-stitching machines. 405,718.
 Sewell, F. R., and Jones, P. H. Loose-leaf books. 405,631.

Stone, H. B., and Jones, P. H. Loose-leaf books. 405,630.

1933

- Berger, R. Production of granulated or roughened lithographic printing sheets. 405,868.
 Friedheim, Ltd., O. (Kohlbach and Co.). Sheet conveyors for bronzing, printing, and other machines. 406,224.
 Intertype Corporation. Matrix-composing and line-casting machines. 405,869.
 Karafiat, G. R. Methods of and means for producing original sheets for reproduction by photolithograph or other printing processes. 406,148.
 Klinger, F. Manufacture of envelopes or the like. 405,854.
 Ludlow Typograph Co. Casting machines. 406,128.
 Schramm, C. Throat plate for book stitching machine. 406,176.

Complete Specifications Open to Public Inspection Before Acceptance

1933

- Bonnaire, C. Folded sheets. 15,059.
 Econo Products Inc. Production of printing plates of rubber and the like. 22,996.
 Goder, T., and Goder, K. Machines for the manufacture of paper envelopes and like articles. 23,023.

Monotyping Service LIMITED

The Trade Monotype Setters who will add prestige to your House

12-14 Gough Square, London, E.C.4

Telephones - - CENTRAL 1381-2



Some useful Composition Faces available:

ARRIGHI ITALIC

BASKERVILLE

BLADO ITALIC

BODONI

BOLD FACE

CENTAUR

COCHIN (MONO)

CASLON OLD FACE

CLEAR FACE BOLD

GARAMOND
(light and bold)

GILL SANS

(Bold, Light, Extra Light and Italic)

GLOUCESTER

(bold, light and Italic)

GOTHIC, LINING
(eight sizes)

GOUDY

(bold and Italic)

PASTONCHI

POLIPHILUS

PLANTIN
(light and 110)
IMPRINT, Etc.

Our MAKE-UP and HAND-DISPLAY DEPARTMENT is equipped with all the popular Monotype faces (14-pt. to 72-pt.) and in this connection we are able to place at the disposal of our clients the useful products of the Super Casting Machine.

ESTIMATES BY RETURN POST.

COMMERCIAL REVIEW

Current Share Prices

Allied Newspapers 22s. 6d., 22s. 4½d., 6½ p.c. 1st pref. 25s. 6d., 25s. 9d., 8 p.c. pref. 25s. 7½d., 25s. 10½d., 5 p.c. 1st deb. 107, 107½; Amalgamated Press (10s.) 21s. 10½d., 21s. 6d., 7 p.c. pref. 26s. 4½d., 26s. 9d., 4½ p.c. 1st deb. 103½, 104; Argus Press pref. 27s. 1½d.; Argus Press Holdings 40s. 6d., 40s. 10½d., pref. 25s. 3d.; Associated Newspapers 27s. 9d., def. (5s.) 23s., 22s. 10½d., 5 p.c. pref. 22s. 9d.; British Glues and Chemicals (4s.) 4s. 1½d., 8 p.c. pref. 25s. 3d.; Buff Book 26s. 6d., 27s. 3d., defd. (1s.) 1s. 6d., 1s. 5d.; Cassell and Co. (Holdings) 7½ p.c. pref. 22s.; R. W. Crabtree pref. (10s.) 8s. 8½d.; Daily Mirror (5s.) 15s. 6d., 15s. 4½d., 8 p.c. pref. 29s. 3d., 30s.; Daily Sketch and Sunday Graphic 5 p.c. 1st deb. 105½, 104½; T. De La Rue 17s. 9d., 18s. 3d.; J. Dickinson 48s. 6d.; Financial Newspaper Proprietors 7s. 4½d.; Financial Times 8s., 7 p.c. pref. 19s., 19s. 4½d.; Illustrated London News and Sketch 4 p.c. 1st deb. 74; Illustrated Newspapers 7s. 4d., 7s. 6d.; Industrial Newspapers 1st pref. 9s. 9d.; International Linotype 23; Kelly's Directories 6 p.c. pref. 26s. 9d., 27s., 7½ p.c. pref. 29s. 6d., 29s. 7½d., 5 p.c. 1st mt. deb. 108, 107½; Lamson Paragon 25s. 6d., 26s. 3d., 5½ p.c. pref. 22s. 9d.; London Express Newspaper 40s., 39s. 7½d., 7 p.c. pref. 24s. 3d., 24s. 9d.; Monotype Corporation 34s.; G. Newnes (10s.) 28s., 5 p.c. pref. 22s. 6d., 22s. 1½d., 7 p.c. pref. (10s.) 13s. 3d.; Odhams Press (4s.) 10s. 10½d., 11s. 3d., 6 p.c. pref. 24s., 6½ p.c. A pref. 24s. 1½d., 24s. 7½d., 7 p.c. B deb. 104, 6 p.c. deb. 105, 104½; C. A. Pearson 5½ p.c. pref. 21s.; Portsmouth Newspapers 5 p.c. pref. 21s. 1½d.; Sunday Pictorial Newspapers (1920) 8 p.c. pref. 29s. 10½d., 29s. 0½d. xd.; R. Tuck 13s. 9d.; United Newspapers 7½ p.c. pref. 4s. 4½d.; Waterlow and Sons defd. 20s. 9d., 21s. 3d., 6½ p.c. pref. 25s. 3d., 25s., 4 p.c. pref. 19s. 3d.; Weldons 6 p.c. pref. 18s. 6d., 18s. 9d.; Winterbottom Book Cloth 6 p.c. pref. 25s.

Dividends and Reports

SOLICITORS' LAW STATIONERY SOCIETY.—Sales of Solicitors' Law Stationery Society for 1933 were considerably in excess of those in 1932, and profit for year increased from £38,849 to £56,829. This profit, with £10,222 brought forward from previous year, gives available balance £67,051. Directors recommend dividend of 12 per cent., on account of which interim dividend of 4 per cent. was paid last November. As the dividend exceeds 3 per cent., a bonus is distributable under the articles of association among solicitors whose accounts with the society during last year amounted to £50 or upwards. A bonus is also payable

**S
P
I
C
E
R
S
LTD.**

**FOR
DRY FLONG
AND
STEREO
MATERIALS**

to the staff under the profit-sharing scheme. Dividend and bonuses will absorb £46,852. Of the balance, directors propose to write off the £361 appearing in the balance-sheet as copyright, write £5,000 off freehold premises, add £2,500 to reserve, and place £2,000 to a women's pension reserve, which will leave £10,337 to be carried forward.

WINTERBOTTOM BOOK CLOTH.—Net profit of Winterbottom Book Cloth Co. (Manchester) for 1933, including £41,536 (against £95,853) brought in, was £283,487 (£220,007), after crediting £40,968 profit on exchange (against loss on exchange £30,156 in 1932), to benefit fund £5,000 (same), preference dividends take £34,393 and dividend on preferred ordinary £37,429, ordinary dividend 3 per cent. (against 1½ per cent.), plus bonus of 5 per cent. from investment income (same), to depreciation fund £25,000 (same), to reserve account, profit on exchange held in suspense pending more stabilised currencies, £40,968 (nil), forward £50,868.

ASSOCIATED NEWSPAPERS.—Usual quarterly on deferred of 3d. per share.

JOHN DICKINSON AND Co.—Final dividend 7 per cent., making 10 per cent. on ordinary shares (against 9 per cent.).

WAXED PAPERS.—Profit for 1933, £51; brought in, £6,757; forward, £6,808.

New Companies

HUDSON AND SON, LTD.—Capital £10,000 in £1 shares; printers, lithographers, stationers and account book makers, carried on by Reginald Hudson, Percy W. Hudson and Arthur R. Vaughton, as "Messrs. Hudson and Son and W. Rickman King," at Medova Buildings, Livery Street, and 151 to 171, Edmund Street, Birmingham. Private company. Permanent directors: Reginald Hudson, Percy W. Hudson and Arthur R. Vaughton. Registered office: Medova Buildings, Livery Street, Birmingham.

BAILEY'S PRINTING INVENTIONS, LTD.—Capital £3,000 in £1 shares; to adopt an agreement with Joshua Bailey and Joseph P. Plant, and to carry on the business of makers of and dealers in plant, tools and appliances used in the printing, lithography, photogravure and typefoundry businesses, etc. Private company. First directors: Joshua Bailey and Joseph P. Plant. Registered office: 120, Colmore Row, Birmingham.

PARK ROYAL PAPER BAG Co., LTD.—Capital £1,000 in £1 shares; manufacturers of and dealers in paper and paper or other bags, wrappings, boxes, stationers' goods, etc. Private company. First directors: George Lacey and Thomas G. Coucher. Solicitors: W. W. Young, Sons and Ward, 24, Ely Place, E.C.1.

QUADRANT SUPPLIES, LTD.—Capital £100 in £1 shares; printers, stationers, litho-

graphers, stereotypers, etc. Private company. First directors: John J. Scrimshire (15, Market Street, Bedworth), and Clare M. Scrimshire.

NATURE LOVER PUBLICATIONS, LTD.—Capital £2,000 in £1 shares; magazine, periodical and newspaper proprietors, printers and publishers, advertising agents, etc. Private company. First director: Theresa J. M. Payne. Registered office: 52, Bedford Row, W.C.

CRYSTAL PUBLICATIONS, LTD.—Capital £500 in £1 shares; to acquire the business of a printer, publisher and stationer, carried on by A. R. Cusden, at 34, Westow Street, Upper Norwood, together with the goodwill of the weekly newspaper known as the "Crystal Palace District Advertiser." Private company. First directors: Archibald R. Cusden and Dr. Reginald L. Langdon-Down. Registered office: 34, Westow Street, Upper Norwood, S.E.

Increases of Capital

JAKEMAN AND CO. (PRINTERS), LTD. (31, Church Street, Hereford).—The nominal capital has been increased by the addition of £500 in £1 ordinary shares beyond the registered capital of £2,000.

CRITCHLEY AND CO. (BOLTON), LTD. (printers, engravers, etc., 9, Howell Croft, South Bolton, Lanes).—The nominal capital has been increased by the addition of £500 in £1 ordinary shares beyond the registered capital of £500.

Mortgages and Charges

WALTER AND SCANLON, LTD. (printers, etc., 46, Eagle Street, W.C.).—Issue on February 17th, 1934, of £300 debentures, part of a series already registered. Particulars filed of £1,500 debentures, authorised February 17th, 1934, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

J. W. NORTHEED, LTD. (printers, stationers, etc., 49, West Street, Sheffield).—Satisfaction to the extent of £1,000 on July 31st, 1930, and to the extent of £1,000 on March 6th, 1934, of a series of debentures authorised by resolution dated December 12th, 1924, and registered December 17th, 1924. (According to the register of mortgages, the series of debentures registered December 17th, 1924, originally secured £6,000.)

WICKHAM PRESS, LTD. (Newspaper House, Station Parade, W. Wickham).—Debenture dated March 2nd, 1934, to secure £250, charged on the company's undertaking and property, present and future, including uncalled capital. Holder: Aubrey S. Roberts, 26, Bury Street, E.C.3.

KNIGHT, SEYMOUR AND CO., LTD. (printers, stationers, etc., 4/5, Redcross Street,

Comps LTD.

LINOTYPERS TO THE TRADE

LET US QUOTE

The extra efficiency we are able to give you, an ever-ready DAY and NIGHT SERVICE, and in cases of urgency, EXPRESS MOTOR DELIVERY, is worth at least something.

And our price, by the time the job is finished, has been proved to be the CHEAPEST in the Trade.

Some of our type faces:

14pt. Cheltenham Wide with Cheltenham Bold.

12pt., 10pt. and 8pt. Metroblack with Metrolite (based on the popular new Sans).

12pt. Kennerley and Italic.

12pt., 10pt. and 8pt. Cheltenham Bold and Cheltenham Bold Italic.

12pt. Modern with Doric and Italic.

11pt. Scotch and Italic.

10pt. and 8pt. Cheltenham Wide and Italic.

10pt. and 8pt. Book-print and Cloister Bold.

10pt. and 8pt. Garamond and Italic.

10pt. Modern and Italic.

10pt., 8pt. and 6pt. Old Styles with Doric and Italic.

9pt. Old Style and Italic

Specimen leaflets of type faces and borders will be sent on request, or representative will call on receipt of telephone message.

**15 Kirby Street
Hatton Garden
E.C.1**

HOLborn 2253

This column is set in our Metroblack and Metrolite Series

Bristol).—Mortgage dated February 26th, 1934, to secure £1,500, charged on 15, Portland Square, St. Paul, Bristol. Holder: Miss Annie M. A. Brown, 11, Bathwick Street, Bath.

DORSET COUNTY CHRONICLE AND SOUTHERN TIMES NEWSPAPERS, LTD. (63, High West Street, Dorchester).—Mortgage on property in Trinity Street, Dorchester, dated February 23rd, 1934, to secure all moneys due or to become due from the company to Lloyds Bank, Ltd., not exceeding £4,000.

B. W. GEORGE AND CO. (WORCESTER), LTD. (printers, boxmakers, etc., Swastika Works, Angel Street, Worcester).—Two charges on land and premises known as Swastika Works, Angel Street, Worcester, dated March 1st and March 2nd, 1934, securing £1,400 and £100 respectively. Holders: (1) John A. Lord, Hatch House, Thorndon Park, Brentwood; and Bernard Dees, Langford, Milton Road, Shenfield; and (2) Arthur E. Lord, 3, Foregate Street, Worcester.

B. W. GEORGE AND CO. (WORCESTER), LTD.—Satisfaction in full on February 28th, 1934, of mortgage dated July 22nd, 1932, and registered August 9th, 1932. (According to the register of mortgages, the mortgage registered August 9th, 1932, originally secured all moneys due to bank.)

ACME SHOW-CARD AND SIGN CO., LTD. (Paragon Works, Green Street, Brimsdown, Md.).—Particulars filed of £3,500 debentures, authorised March 5th, 1934, charged on the company's undertaking and property, present and future, including uncalled capital, the whole amount being now issued.

"CLIQUE," LTD. (publishers, etc., 180, Brompton Road, S.W.3).—Satisfaction in full on March 25th, 1933, of debenture dated March 17th, 1928, and registered March 22nd, 1928, securing £500. (Notice filed March 6th, 1934.)

Receivers Appointed or Released

BOROUGH PRINTING CO. (MACCLESFIELD), LTD. (46, St. George's Street, Macclesfield).—Harold Forster, of 6, Chestergate, Macclesfield, ceased to act as receiver on December 12th, 1933.

KEALEYS, LTD. (printers, etc., 2, Johnson's Court, E.C.).—Dennis Spurling, of 55, Hugh Street, S.W.1, ceased to act as receiver on March 7th, 1934.

JOSIAH BRISCOE, LTD. (printers, stationers, etc., 33, Charlotte Street, E.C.2).—Alfred Laban, of 25/7, Oxford Street, W.1, ceased to act as receiver on March 8th, 1934.

J. E. HIBBARD AND SON, LTD. (cardboard manufacturers, etc., 288, Croxted Road, S.E.24).—Jas. Y. Finlay, of 9/10, Finsbury Court, Finsbury Pavement, E.C., ceased to act as receiver and manager on March 9th, 1934.

FOR SALE AND WANTED

FOR SALE

BLOCKS

HALF-TONE, three-colour Line and Line-colour BLOCKS. Send us your next order—we can please you.—Garratt and Atkinson, Process Engravers and Artists, Ealing, London, W.5. 15739

NICKELOID-produced "ALBERT GALVANOS" are guaranteed the most reliable electros you can buy for half-tone and colour work. 15733

BUSINESSES

GENUINE Jobbing Printing Business; practical man's ideal; good-class work; modern plant; sacrifice; £550.—Box 16171.

OLD-ESTABLISHED PRINTING BUSINESS to be disposed of as a going concern, together with the Freehold Premises in centre of rapidly increasing town. Machinery, Stock and Goodwill. Price £1,600.—FRANK FARR, F.A.I., 65 and 67, High Street, Slough. 'Phone 47. 16201

PRINTING and Stationery. Old established Business for Sale; owner retiring. Low rent, electric light throughout; only Printer in District. Reasonable ingoing for Plant and Stock.—Caxton House, Ashburton, S. Devon. 16189

MACHINERY AND PLANT

BARGAINS. Furnival Double Demy Wharfedale, seen running, £65; Furnival Self-Clamp Guillotine, 32in., £55, spare knife; Foolscap Folio Arab, £30; Roller Galley Press, £6; Thompson Perforating Machine, Treadle, 4-section, £8 10s.; Massive Relief Stamping Press, £4; 200 Label Cutters; 700 Bookbinders's Hand Finishing Tools. Space wanted for automatics.—Carter, 13, Green Lane, Derby. 16199

FOR SALE.—Rotaprint Machine, Foolscap Folio, Motor Drive, 75 Plates and accessories. Perfect condition.—J. and H. Bell, Ltd., Carlton Street, Nottingham. 16191

SMALL Printing Plant (City) for sale, £125. Vendor will feed with orders.—Box 16195.

TYPE, ETC.

TYPE, Borders, small jobbing founts, some new.—Morris, 39, Gladstone Street, Scarborough. 16188

MONOTYPE faces in complete founts including Gill Sans Family and Perpetua. Yendall and Co., Ltd., 11-17, Plough Court, Fetter Lane, London, E.C.4 (Tel.: Central 8640), manufacturers of the well-known hard-wearing RISCATYPE. 15732

INSERT
YOUR
ADVERT.
IN
THIS
WEEKLY
SALES
SERVICE

COST
6d.
PER LINE

MINIMUM
2 LINES
BOX No.
SIXPENCE
EXTRA

WANTED

BUSINESS

PRINTING BUSINESS, letterpress, required in London. Plant and premises capable of handling £10,000 per annum.—Brief particulars in confidence to Box 16196.

MACHINERY AND PLANT

MASSELEY or other make Embossing Machine, any condition, wanted.—Write 176, Nelson Road, Whitton, London. 16203

SITUATIONS WANTED

BINDER and FINISHER, Young man, seeks situation. Account, letterpress, General, extra and art binding and finishing.—A. H., 65, Edgecumbe Street, Hull, Yorks. 16184

COMP. (25), N.S., keen man, all jobb. and News, modern display; relieve Lino. S.W. London pref.—c/o Gransby, 15, Whittings Road, Barnet, Herts. 16187

COPPER-PLATE ENGRAVER seeks situation as Improver; age 23; six years with City firm.—Box 16202.

GUILLotine and Warehouse Hand seeks situation. Any class of work or machine.—Box 16170.

MANAGER or Working Overseer (N.S.), entire control small works; 15 years' exp. similar capacity. Ex. rets. Lond. or Subs.—Box 16198.

PRINTER (Young), thorough practical and administrative experience, seeks situation, excellent references.—Box 16200.

THE PRINTERS' Provident Association, 21, Charterhouse Street, Holborn Circus, E.C.1, is able to SUPPLY ALL BRANCHES OF EFFICIENT (N.S.) LABOUR for the Printing and Allied Trades (London Area), at short notice. No charge. 'Phone Holborn 0527. 15931

TO Printers desiring to increase their turnover and secure the services of a practical and efficient representative with good paying connection.—Write for interview: F. L., Box 16197.

YOUNG Man requires situation Machine Minder Improver. Recently served 7 years' apprenticeship. Excellent references. L.S.P.—H. Myson, 3, Topfield Cottages, Hornsey, N.8. 16183

Replies to Box Nos. to be addressed to the
"British and Colonial Printer," 58, Shoe Lane,
London, E.C.4

INSERT YOUR SMALLS IN THIS SECTION
FOR SPEEDY RESULTS

QUICK-REF. SERVICE INDEX

AUCTIONEERS AND VALUERS

ALBERT E. GRACE

Telephone - Central 6230

Auctioneer, Valuer and
Fire Loss Assessor to
the NEWSPAPER AND
PRINTING INDUSTRIES

Detailed Inventories and
Valuations for all purposes

**143, Fleet Street
LONDON, E.C.4**

BLOCKMAKERS

ESTABLISHED 1874
Every Die Sinker in our employ served his apprenticeship with the firm

G. H. MADDIN & CO. LTD
Engravers & Die Sinkers
Cameo Printing Dies & Embossing Blocks
of every description for High class & Distinctive Work
ORIGINAL DESIGN & EXECUTION

Telegrams "METALPUS LONDON"
Telephone 3100 NATIONAL
10 & 11 MIDDLE ST. ALDERSGATE ST. LONDON E.C.1

ENGRAVERS

FOR GOOD SERVICE

MARSHALL

ENGRAVING CO. LD. CENTRAL 4626
12 & 14 FARRINGTON AVE. E.C. 4 LINES

**ARTISTS
PHOTOGRAPHERS
PHOTO ENGRAVERS**

GOLD PRINTING INKS

FOR LETTERPRESS & PHOTOGRAPHY -
SUPPLIED ALSO IN SILVER
AND COPPER

JOHNSON'S-GOLD INK SPECIALISTS

Telephone CENTRAL 2231-2
H.E.W. JOHNSON LTD
METANA HOUSE HIND COURT FLEET ST LONDON E.C.4

PAPER TRADE NEWS

MASTER PRINTERS!

You will find much
of help and interest in

The World's Paper Trade Review
Every Friday. Price 6d.

YOUR NEWSAGENT WILL SUPPLY YOU

PRESS CUTTINGS

PRESS CUTTING AND GENERAL
ADVERTISING AGENCY

WOOLGAR & ROBERTS

1, Dorset Buildings, Salisbury Square, E.C.4

INFORMATION
SUPPLIED

on any subject at
the lowest possible
terms

All orders executed by a thorough practical Staff.
Editors are specially invited to give this Agency a trial.
Terms on application.

PRINTERS' QUARTERLY

HAVE YOU SEEN THE POPULAR QUARTERLY

"Paper & Print"?

Price 1s.

Stonhill & Gillis, Limited, 58, Shoe Lane
London, E.C.4

PRINTERS' VALUERS

EDWIN W. EVANS

Auctioneer and Valuer

TO THE PRINTING AND
ALLIED TRADES

**"Chronicle" House, 72-78, Fleet St.
London, E.C.4**

Telephone : Central 6678

Telegrams : "Printaut, Fleet, London"

Fire Loss Assessor-Newspaper Valuer-Rating Surveyor

CONTRACTORS FOR OVER SIXTY YEARS TO H.M. PRINTING OFFICES,
HON. BOARD OF INLAND REVENUE AND THE PRINTING TRADE GENERALLY



Registered Trade Mark

Established 1868

Rollers

for every class of Letterpress Printing on every description of Machine. - *Price List on request.*
An extensive and up-to-date Plant enables all orders to be dealt with promptly.

Compositions

for Home & Export in grades to suit all requirements. None but the finest and MOST SUITABLE materials are used. Look for the Trade Mark, as above, on every slab. Obtainable through all Importing Houses.

"THE DURABLE" PRINTERS' ROLLER CO., LTD.

14 CHARLES ST., HATTON GARDEN, LONDON, E.C.1

Lt.-Col. E. L. MARLER

Managing Director

